EDGEMONT SCHOOL DISTRICT - BOND 2021

GREENVILLE ELEMENTARY SCHOOL

100 GLENDALE ROAD, SCARSDALE, NY 10583

CAFETERIA RENOVATION AND RELATED WORK

SEELY PLACE ELEMENTARY SCHOOL

300 WHITE OAK LANE, SCARSDALE, NY 10583

PHASE 1 - HVAC & CAFETERIA

SED PROJECT NUMBERS:

GREENVILLE ELEMENTARY	66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL	66-04-06-03-0-001-019

GREENVILLE ELEMENTARY SCHOOL
100 GLENDALE ROAD, SCARSDALE, NY 10583

SEELY PLACE ELEMENTARY SCHOOL
51 SEELY PLACE, SCARSDALE, NY 10583

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01-06-2023	BID
DATE	ISSUED TO
SHEET SIZE 30"x42"	DRAWING NO. T-1
SCALE AS NOTED	
DRAWN BY F & D	FILE NO. 21434.01

PLOT DATE: January 05, 2023 - 9:04am

FILE: I:\21434.01 Edgemont Greenville Cafeteria Renovation\DRAWINGS\CURRENT\1-F&D\T-1.dwg

ABBREVIATIONS

& – AND
ACU – AIR CONDITIONING UNIT (S)
ACM – ASBESTOS CONTAINING MATERIAL
ACT – ACOUSTICAL CEILING TILE
ACW – ASBESTOS CONTAINING WASTE
AD – AREA DRAIN
ADJ – ADJACENT
AFF – ABOVE FINISH FLOOR
AHU – AIR HANDLER UNIT
ALUM – ALUMINUM
ALT – ALTERNATE
AMB – AMBIENT
AMP – AMPERE
APD – AIR PRESSURE DROP
APPROX – APPROXIMATE
A.R. – AREA OF REFUGE
ARCH – ARCHITECTURAL
AVG – AVERAGE
BDD – BACK DRAFT DAMPER
BFW – BOILER FEED WATER
BHP – BRAKE HORSE POWER
BITUM – BITUMINOUS
BLDG – BUILDING
BLK – BLOCK
BTUH – BRITISH THERMAL UNITS/HOUR
BU – BUILT UP
BUR – BUILT UP ROOFING
C – COMMON
CV – COEFFICIENT, VALVE FLOW
CB – CATCH BASIN
C.C – COOLING COIL
CEIL OR CLG – CEILING
CER/CEG – CEILING EXHAUST REGISTER/GRILLE
CFM – CUBIC FEET PER MINUTE
C.H – CEILING HEIGHT
CHWR – CHILLED WATER RETURN
CHWS – CHILLED WATER SUPPLY
C.J. – CONTROL JOINT
CL – CENTER LINE
CLG WTR – COOLING WATER
CLOS – CLOSET
CMP – CORRUGATED METAL PIPE
C.O – CLEAN OUT
COL – COLUMN
COMPR – COMPRESSOR
CONC – CONCRETE
COND – CONDENSER
CONST – CONSTRUCTION
CONT – CONTINUOUS
CONTR – CONTRACTOR
CONV – CONVECTOR
CP – CONDENSATE PUMP
CRR/CRG – CEILING RETURN REGISTER/GRILLE
CRU – COMPUTER ROOM UNIT
CSD – CEILING SUPPLY DIFFUSER
CT – CERAMIC TILE
C.TWR. – COOLING TOWER
CU – CONDENSER UNIT
CU FT – CUBIC FEET
CUH – CABINET UNIT HEATER
CWR – CONDENSER WATER RETURN
CWS – CONDENSER WATER SUPPLY
D/DIA – DIAMETER
DB – DRY BULB TEMPERATURE
dB – DECIBEL
DC – DUST COLLECTOR
DEG – DEGREE
DEMO – DEMOLITION
D.F. – DRINKING FOUNTAIN
D.H. – DOUBLE HUNG
DIM – DIMENSION
DN – DOWN
D.O – REPEAT/DOOR OPENING
DP – DEEP
DR – DOOR
DWG – DRAWING
DX – DIRECT EXPANSION
E – EAST
EA – EACH
EAT – ENTERING AIR TEMPERATURE
E–CONTR. – ELECTRICAL CONTRACTOR
E–CUSP. – EXISTING CUSPIDOR
EDB – ENTERING DRY BULB
E.D.F – EXISTING DRINKING FOUNTAIN
EDR – EQUIVALENT DIRECT RADIATION
E.E.W. – EMERGENCY EGRESS WINDOW
E.F – EXHAUST FAN
EFE – EXISTING FIRE EXTINGUISHER
E.H. – EXHAUST HOOD
E.J – EXPANSION JOINT
EQ – EQUAL
ELEC – ELECTRICAL
EL/ELEV – ELEVATION
E.M.H. – ELEMENTARY SCHOOL MOUNTING HEIGHT
ENCL. – ENCLOSURE
ENTR. – ENTRANCE
EQUIP – EQUIPMENT
ESP – EXTERNAL STATIC PRESSURE
ETC – AND SO FORTH
EVAP – EVAPORATOR
EWB – ENTERING WET BULB
EWT – ENTERING WATER TEMPERATURE
EXH – EXHAUST
EXH.A – EXHAUST AIR
EXIST – EXISTING
EXP – EXPANSION
EXT – EXTERIOR
F – FAHRENHEIT
F.A.I. – FRESH AIR INTAKE
FCU – FAN COIL UNIT
F.D. – FLOOR DRAIN
F.DAMP. – FIRE DAMPER
F.E. – FIRE EXTINGUISHER
F.G. – FIBER GLASS
FIN – FINISH
FIXT – FIXTURE
FHC – FIRE HOSE CABINET
FL/FLR – FLOOR

FTG – FOOTING
FOB – FLAT ON BOTTOM
FOG – FUEL OIL GAUGE
FOR – FUEL OIL RETURN
FOS – FUEL OIL SUPPLY
FOT – FLAT ON TOP
F.P. – FIRE PROOF
FPM – FEET PER MINUTE
FPS – FEET PER SECOND
FRP – FIBERGLASS REINFORCED POLYSTYRENE
FT – FOOT OR FEET
GA – GAUGE
GAL – GALLONS
GALV – GALVANIZED
G.C – GENERAL CONSTRUCTION
GEN – GENERAL
GL – GLASS
GPH – GALLONS PER HOUR
GPM – GALLONS PER MINUTE
GR – GRAINS
G.V. – GAS VALVE
GYP. BD – GYPSUM BOARD
GYP. FB – GYPSUM FIBERBOARD
H – HEIGHT
H.B. – HOSE BIB
H–CONTR – HEATING, VENTING, AND AIR CONDITIONING CONTRACTOR
H.C – HOLLOW CORE
H/C – HEATING/COOLING
HD – HEAD
HEAT.CL. – HEATING COIL
HG – REFRIGERANT HOT GAS
H.M – HOLLOW METAL
HORIZ – HORIZONTAL
H.P – HIGH POINT
HPS – HIGH PRESSURE STEAM
H.PWR – HORSE POWER
HR – HOUR (S)
HT – HEAT
HTHW – HIGH TEMPERATURE HOT WATER
HTR – HEATER
HV – HEATING/VENTILATION UNIT
H.W.C. – HIGH IMPACT WALL COVERING
HWR – HOT WATER RETURN
HWS – HOT WATER SUPPLY
HX – HEAT EXCHANGER
HZ – FREQUENCY(CYCLES PER MINUTE)
ID – INSIDE DIAMETER
IEF – IN–LINE EXHAUST FAN
INT – INTERIOR
INSUL – INSULATION
INV – INVERT
IN – INCH
J.C – JANITOR'S CLOSET
JT – JOINT
J.B – JUNCTION BOX
KIT – KITCHEN
KW – KILOWATT
K.M.H. – KINDERGARTEN MOUNTING HEIGHT
L – LENGTH
LAT – LEAVING AIR TEMPERATURE
LAM – LAMINATE
LAV – LAVATORY
LBS/# – POUNDS
L.C.C – LEAD COATED COPPER
LDR – LEADER
LF – LINEAR FEET
LIQ – LIQUID
LL – LIVE LOAD
LP – LOW POINT
LPS – LOW PRESSURE STEAM
LRG – LINEAR RETURN GRILLE
LSD – LINEAR SUPPLY DIFFUSER
LWT – LEAVING WATER TEMPERATURE
M – MIRROR
MAX – MAXIMUM
MAT – MATERIAL
MBH – BTU PER HOUR (THOUSAND)
MD – MOTORIZED DAMPER
MECH – MECHANICAL
MFR – MANUFACTURER
MIN – MINIMUM
MISC – MISCELLANEOUS
MO – MASONRY OPENING
MPS – MEDIUM PRESSURE STEAM
MS – MARBLE SADDLE
MH – MAN HOLE
MTD – MOUNTED
MTL – METAL
N – NORTH
N/A – NOT APPLICABLE
NC – NORMALLY CLOSED
N.I.C – NOT IN CONTRACT
NO (S) – NUMBER(S)
N.OPEN – NORMALLY OPEN
N.T.S – NOT TO SCALE
OA – OUTSIDE AIR
OC – ON CENTER
OD – OUTSIDE DIAMETER
ODR – OPEN DUCT RETURN
OF – OUTSIDE FACE
OH – OVERHEAD
OPNG – OPENING
OPP – OPPOSITE
OZ – OUNCE

P – PUMP(IN–LINE OR BASE MOUNTED)
PART – PARTIAL
P–CONTR – PLUMBING CONTRACTOR
PB – PANEL BOX
PCC – POWER CHARGING CABINET
PD – PRESSURE DROP
PH – PENTHOUSE
PLT – PLATE
PLUMB – PLUMBING
PLYWOOD – PLYWOOD
PNL – PANEL
PNT – PAINT
PREFAB – PREFABRICATED
PRESS – PRESSURE
PRSC – PROJECTION SCREEN
PSI – POUNDS PER SQUARE INCH
PT – PRESSURE TREATED
QT – QUARRY TILE
QTY – QUANTITY
R – RISER/RADIUS
RA – RETURN AIR
RAD – RADIATION
RD – ROOF DRAIN
REF – ROOF EXHAUST FAN
REINF – REINFORCED
REQ'D – REQUIRED
RH – RELATIVE HUMIDITY
RO – ROUGH OPENING
RM – ROOM
RPM – REVOLUTIONS PER MINUTE
RTU – ROOF TOP UNIT
S – SINK
SA – SUPPLY AIR
SAN – SANITARY
SCHED – SCHEDULE
SD – SMOKE DETECTOR
S.DMPR – SMOKE DAMPER
SECT – SECTION
SF – SQUARE FOOT
SHT – SHEET
SIM – SIMILIAR
SP – STATIC PRESSURE
SPEC(S) – SPECIFICATION (S)
SQ – SQUARE
SQ FT – SQUARE FEET
SS – STAINLESS STEEL
STD – STANDARD
STL – STEEL
STM – STEAM
STOR – STORAGE
STRUCT – STRUCTURAL
SUCT – SUCTION
SUSP – SUSPENDED
T – TREAD/TOILET
TCP – TEMPERATURE CONTROL PANEL
T.D. – TRENCH DRAIN
T.DIFF. – TEMPERATURE DIFFERENCE
TEL – TELEPHONE
TEMP – TEMPERED
TEMPR. – TEMPERATURE
THK – THICK
T.O. – TRIMMED OPENING
T.O.C. – TOP OF CURB
T.O.P. – TOP OF PARAPET
T.O.S. – TOP OF STEEL
TSP – TOTAL STATIC PRESSURE
T'STAT – THERMOSTAT
TYP – TYPICAL
U – URINAL
UH – UNIT HEATER
UL – UNDERWRITERS LABORATORY
UNFIN – UNFINISHED
UV – UNIT VENTILATOR
V – VOLT
VAV – VARIABLE AIR VOLUME
V.C.T – VINYL COMPOSITION TILE
VD – VOLUME DAMPER
VEL – VELOCITY
VEST – VESTIBULE
V.I.F – VERIFY IN FIELD
VLV – VALVE
VOL – VOLUME
V.P. – VISION PANEL
V.W.C. – VINYL WALL COVERING
W – WOMEN/WIDTH/WASHER
W/ – WITH
WB – WET BULB
W.C. – WATER CLOSET
WD – WOOD
WEF – WALL EXHAUST FAN
WER/WEG – WALL EXHAUST REGISTER/GRILLE
'WG' – INCHES OF WATER, GAGE (PRESSURE)
W.G. – WIRE GLASS
WK – WORK
W.I. – WROUGHT IRON
W.P. – WATER PROOF
WPD – WATER PRESSURE DROP
W.R. – WATER RESISTANT
WRR/WRG – WALL RETURN REGISTER/GRILLE
WSR/WSG – WALL SUPPLY REGISTER/GRILLE
WTG – WALL TRANSFER GRILLE
WTR – WATER
W.W.F. – WELDED WIRE FABRIC
W.W.M. – WELDED WIRE MESH
YD – YARD DRAIN

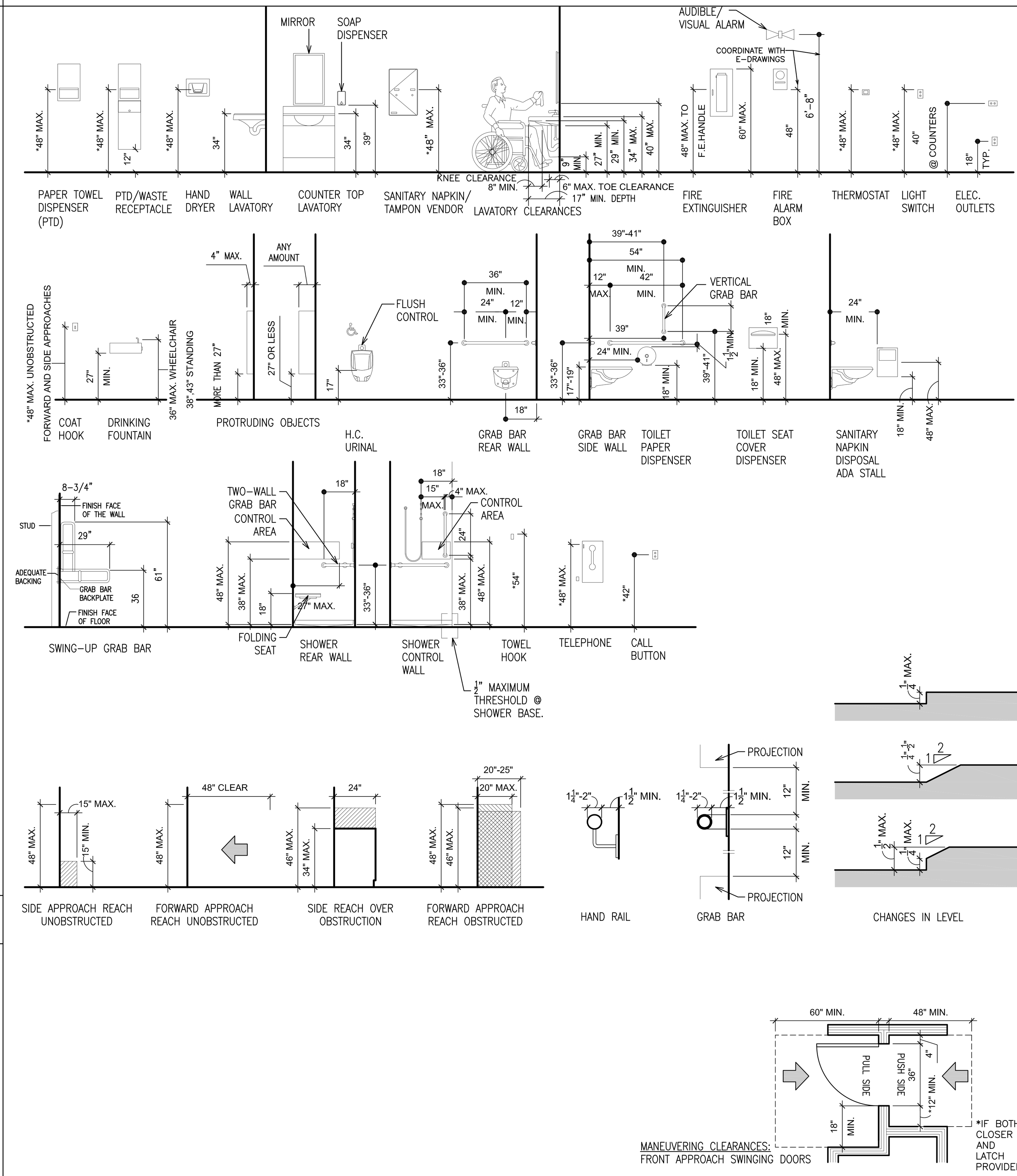
GRAPHIC LEGEND

CLASSROOM 100 – ROOM NAME & NUMBER
100 – DOOR NUMBER
ELEVATION KEY
INTERIOR WALL INDICATIONS
WINDOW TYPE
REMOVAL/WORKSCOPE NOTE
REVISION MARK
DETAIL KEY (DETAIL NO., DWG. NO.)
WALL TYPE
EXTERIOR ELEVATION KEY
FLUSH THRESHOLD
5'–0" ø HANDICAPPED TURNING RADIUS
REMOVE EXISTING CONSTRUCTION
EXISTING CONSTRUCTION
NEW WALL CONSTRUCTION
COLUMN GRID LINES
EXISTING COLUMN DESIGNATION
BUILDING/WALL SECTION/DETAIL
REFERENCE POINT
HIDDEN LINE BELOW
HIDDEN LINE ABOVE OR BEYOND
CENTERLINE OR N.I.C. LINE
EXISTING DOOR INDICATES DOOR NUMBER (SEE DOOR SCHEDULE)
NEW DOOR INDICATES DOOR NUMBER (SEE DOOR SCHEDULE)

MATERIALS LEGEND

CONCRETE
CONCRETE MASONRY UNITS
BRICK
STONE
METALS
COMPACTED GRAVEL
EARTH/UNDISTURBED SOIL
DRAINAGE BOARD
PARTICLE BOARD
PLYWOOD
ACOUSTICAL TILE
CONTINUOUS WOOD FRAMING THROUGH MEMBER
WOOD FRAMING THROUGH INTERRUPTED MEMBER
FINISHED WOOD
BATT INSULATION
RIGID INSULATION

MOUNTING HEIGHTS FOR ACCESSIBLE ITEMS



LIST OF DRAWINGS

GENERAL:

*	T1	TITLE SHEET
*	G1	LOCATION MAP, ABBREVIATIONS, MATERIALS, GRAPHIC LEGEND, GENERAL NOTES, PROJECT CONTACTS & LIST OF DRAWINGS.

GREENVILLE ELEMENTARY SCHOOL

* GVES CC–1 CODE COMPLIANCE SHEET

SEELY PLACE ELEMENTARY SCHOOL

* SPES CC–1 CODE COMPLIANCE SHEET

CONTRACT #1 GENERAL CONSTRUCTION

GENERAL: (DRAWINGS APPLICABLE TO GVES & SPES)

A10	RAMP PLAN, SECTIONS AND DETAILS
A500	PARTITION TYPES, MISCELLANEOUS DETAILS
A501	CEILING DETAILS
A625	ROOF DETAILS
A626	ROOF DETAILS
A627	ROOF DETAILS
A650	MISCELLANEOUS DETAILS
A700	DOOR SCHEDULE, TYPES & DETAILS
A800	FINISH PLANS, FINISH SCHEDULE LEGEND, SCHEDULE & DETAILS
A900	SIGNAGE PLANS, SIGN TYPE AND DETAILS

GREENVILLE ELEMENTARY SCHOOL

ABATEMENT

HM–100	HAZARDOUIS MATERIALS REMOVAL PLAN

ARCHITECTURAL

GVES A–100	BASEMENT PLAN
GVES A–101	FIRST FLOOR PLAN
GVES A–102	ROOF PLAN
GVES AR–150	BASEMENT PLAN – EXISTING/ REMOVAL
GVES A–150	BASEMENT PLAN
GVES AR–151	CAFETERIA PLAN – EXISTING/ REMOVALS, NOTES
GVES A–151	CAFETERIA PLAN, INTERIOR ELEVATIONS, NOTES
GVES A–152	CAFETERIA ROOF PLAN
GVES AR–200	REFLECTED CEILING PLAN – EXISTING/ REMOVALS
GVES A–200	REFLECTED CEILING PLAN
GVES A–425	SECTIONS
GVES A–426	SECTIONS
GVES A–427	SECTIONS

STRUCTURE

GVES S–1	PARTIAL FIRST FLOOR FRAMING PLAN
GVES S–2	PARTIAL ROOF FRAMING PLAN

FOOD SERVICES

GVES FS–101

SEELY PLACE ELEMENTARY SCHOOL

ARCHITECTURAL

SPES A–100	LOWER LEVEL PLAN
SPES A–101	FIRST FLOOR PLAN
SPEA A–102	SECOND FLOOR PLAN
SPES A–103	ROOF PLAN
SPES AR–150	CAFETERIA PLAN – EXISTING/ REMOVALS
SPES A–150	CAFETERIA PLAN, INTERIOR ELEVATIONS, NOTES
SPES A–151	ROOF PLAN
SPES A–200	BASEMENT – REFLECTED CEILING PLAN
SPES A–201	FIRST FLOOR – REFLECTED CEILING PLAN
SPES A–202	SECOND FLOOR – REFLECTED CEILING PLAN
SPEC A–425	SECTIONS

STRUCTURE

SPEC S–1	CAFETERIA ROOF FRAMING PLAN
SPES S–2	SECTIONS

FOOD SERVICES

SPES FS–101

CONTRACT #2 MECHANICAL

GREENVILLE ELEMENTARY SCHOOL

MECHANICAL:

M001	MECHANICAL NOTES AND LEGEND
MD100	BASEMENT AND FIRST FLOOR MECHANICAL DEMO PLANS
M100	BASEMENT MECHANICAL PLAN
M101	FIRST FLOOR MECHANICAL PLAN
M102	ROOF MECHANICAL PLAN
M200	MECHANICAL DETAILS
M300	MECHANICAL SCHEDULES

SEELY PLACE ELEMENTARY SCHOOL

MECHANICAL:

M001	MECHANICAL NOTES AND LEGEND
MD100	MECHANICAL DEMO PLAN – LOWER LEVEL
MD101	MECHANICAL DEMO PLAN – ROOF
M100	LOWER LEVEL MECHANICAL PLAN
M101	FIRST FLOOR MECHANICAL PLAN
M102	SECOND FLOOR MECHANICAL PLAN
M103	ATTIC MECHANICAL PLAN
M104	ROOF MECHANICAL PLAN
M200	MECHANICAL PIPING AND CONTROLS DIAGRAM
M201	MECHANICAL CONTROLS DIAGRAM
M202	MECHANICAL DETAILS
M203	MECHANICAL DETAILS
M300	MECHANICAL SCHEDULES
M400	MECHANICAL PIPING DIAGRAMS

CONTRACT #3 PLUMBING

GREENVILLE ELEMENTARY SCHOOL

PLUMBING:

P001	PLUMBING SYMBOLS, ABBREVIATIONS, SCHEDULES AND DETAILS
P100	BASEMENT PLUMBING PLAN
P101	FIRST FLOOR PLUMBING PLAN
P200	PLUMBING SPECIFICATIONS

SEELY PLACE ELEMENTARY SCHOOL

PLUMBING:

P001	PLUMBING SYMBOLS, ABBREVIATIONS, SCHEDULES AND DETAILS
PD100	ROOF PLUMBING DEMO PLAN
P100	BASEMENT PLUMBING PLANS
P101	SECOND FLOOR PLUMBING PLANS
P102	ROOF PLUMBING PLANS

CONTRACT #4 ELECTRICAL

GREENVILLE ELEMENTARY SCHOOL

ELECTRICAL:

E001	ELECTRICAL LEGEND, NOTES, ABBREVIATIONS, KEY PLAN & DRAWING SCHEDULES
E100	BASEMENT ELECTRICAL PLAN
E101	FIRST FLOOR ELECTRICAL PLAN
E102	ROOF ELECTRICAL PLAN
E103	FIRST FLOOR ELECTRICAL LIGHTING PLAN
E200	ELECTRICAL ONE LINE DIAGRAM
E300	ELECTRICAL SCHEDULES, LOAD SUMMARY, AND WIRING DIAGRAMS
FA100	FIRE ALARM LEGEND, NOTES, PART RISER, SEQUENCE OF OPERATIONS AND PLAN

SEELY PLACE ELEMENTARY SCHOOL

ELECTRICAL:

E001	ELECTRICAL LEGEND, NOTES, ABBREVIATIONS, KEY PLAN & DRAWING SCHEDULES
ER100	BASEMENT ELECTRICAL REMOVALS PLAN
ER104	ROOF ELECTRICAL REMOVALS PLAN
E100	BASEMENT AND SUB–BASEMENT ELECTRICAL PLAN
E101	FIRST FLOOR ELECTRICAL PLAN
E102	SECOND FLOOR ELECTRICAL PLAN
E103	ATTIC ELECTRICAL PLAN
E104	ROOF ELECTRICAL PLAN
E200	ELECTRICAL ONE LINE DIAGRAM & LOAD SUMMARY
E300	ELECTRICAL SCHEDULES
FA100	FIRE ALARM LEGEND, NOTES, PART RISER, SEQUENCE OF OPERATIONS AND PLAN

NOTES:

1. PROJECT WILL BE CONSTRUCTED UNDER MULTIPLE CONTRACTS.
2. EACH CONTRACT IS PERFORMED CONCURRENTLY AND COORDINATED CLOSELY WITH CONSTRUCTION ACTIVITIES PERFORMED ON PROJECT UNDER OTHER CONTRACTS. CONTRACTS FOR THIS PROJECT INCLUDE THE FOLLOWING:
   1. GENERAL CONTRACTOR.
   2. MECHANICAL, HEATING, VENTILATING CONTRACTOR.
   3. PLUMBING CONTRACTOR.
   4. ELECTRICAL CONTRACTOR.
3. EACH PRIME CONTRACTOR IS RESPONSIBLE OF REVIEWING EACH DRAWING SET FOR COORDINATION WITH THEIR TRADES WORK.

CONTRACT DRAWINGS

* COMMON DRAWINGS **TO ALL CONTRACTORS**

GENERAL NOTES

THE FOLLOWING NOTES SHALL APPLY THROUGHOUT. EXCEPTIONS ARE SPECIFICALLY NOTED ON EACH DRAWING:

1. ALL DETAILS AND/OR PART OF DETAILS ARE SIMILAR FOR SIMILAR LOCATIONS IN ALL OR PART OF THE DETAIL.
2. COORDINATION OF ALL WORK UNDER THIS CONTRACT SHALL BE MAINTAINED TO ENSURE THE QUALITY AND TIMELY COMPLETION OF THE WORK/PROJECT.
3. INDICATED DIMENSIONS ARE TO:
   A. FACE OF MASONRY OR CONCRETE AND FACE OF FINISH TO FINISH ARE EXACT.
   B. CENTER LINES.
4. DRAWINGS ARE NOT TO BE SCALED. USE DIMENSIONS ONLY. ALL DIMENSIONS AND CONDITIONS SHOWN AND ASSUMED ON THE DRAWINGS MUST BE VERIFIED AT THE SITE BY THE CONTRACTOR BEFORE ORDERING ANY MATERIAL OR DOING ANY WORK. ANY DISCREPANCIES IN THE DRAWINGS AND SPECIFICATIONS SHALL BE REPORTED TO THE AUTHORITY. NO CHANGE IN DRAWINGS OR SPECIFICATIONS IS PERMISSIBLE WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT AND ENGINEER. NO WORK SHALL PROCEED UNTIL SUCH DISCREPANCY HAS BEEN RECTIFIED.
5. ANY VARIATION FROM CONDITIONS SHOWN ON THESE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE. AFFECTED WORK SHALL NOT PROCEED UNTIL CLARIFICATION HAS BEEN RECEIVED.
6. ALL WORK OF THIS CONTRACT SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITION OF THE BUILDING CODE NEW YORK STATE AND REGULATIONS OF OTHER AGENCIES HAVING JURISDICTION ON THE WORK OF THIS CONTRACT.
7. ALL WORK ON THESE DRAWINGS SHALL BE CONSIDERED NEW WORK WHETHER STATED OR NOT EXCEPT WHERE SPECIFICALLY NOTED AS "EXISTING TO REMAIN".
8. DISCREPANCIES AND OMISSIONS ON DRAWINGS AND SPECIFICATIONS SHALL BE REPORTED TO THE OWNER'S REPRESENTATIVE IN WRITING FOR CLARIFICATION.
9. SET ALL WORK STRAIGHT, PLUMB AND LEVEL OR WITH INDICATED SLOPE.
10. THE CONTRACTOR SHALL USE THE APPROVED STANDARDS: A.I.S.C. FEDERAL, U.S., ETC. STANDARDS OF THEIR TRADES. ALL CONSTRUCTION SHALL BE PERFORMED TO THESE STANDARDS.
11. IF AMBIGUITIES EXIST IN THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL INCLUDE IN HIS BID THE MORE EXPENSIVE MATERIAL OR METHOD OF WORK.
12. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF DEBRIS. THE CONTRACTOR SHALL KEEP WORK SITE FREE FROM DEBRIS AND ACCUMULATED REFUSE, AND SHALL HAVE SOLE RESPONSIBILITY FOR PROTECTING ALL DANGEROUS AREAS FROM ENTRY BY UNAUTHORIZED PARTIES. SITE SHALL BE LEFT BROOM CLEAN AT THE END OF EACH WORKING DAY.
13. LARGE SCALE DETAILS HAVE PRECEDENCE, HOWEVER WORK INDICATED ON SMALL SCALE DRAWINGS SHALL NOT BE OMITTED. SIMILARLY, NOTES TAKE PRECEDENCE OVER SCHEDULES, PIPING AND WIRE DIAGRAMS. HOWEVER, WORK SHOWN OR DESCRIBED BY OTHER METHODS SHALL NOT BE OMITTED.
14. THE CONTRACTOR SHALL PATCH AND REPAIR ALL DAMAGED OR EXPOSED SURFACES DUE TO CONTRACT WORK. ALL NEWLY INSTALLED, PATCHED WORK AND ALL AFFECTED AREAS SHALL BE PAINTED. ALL PAINTING WORK SHALL BE PERFORMED TO COVER THE ENTIRE HORIZONTAL OR VERTICAL SURFACE TO THE CLOSEST CORNER IN ALL FOUR DIRECTIONS. COLOR TO MATCH EXISTING CONDITIONS.
15. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW MATERIALS AT NO ADDITIONAL COST TO THE OWNER FOR THE FOLLOWING CONDITIONS:
    A) TO FURNISH THE WORK OF THIS CONTRACT IN WORKMANLIKE MANNER.
16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATELY BRACING AND PROTECTING ALL WORK DURING CONSTRUCTION AGAINST DAMAGE, BREAKAGE, COLLAPSE, DISTORTIONS AND OFF ALIGNMENTS ACCORDING TO CODES AND STANDARDS OF GOOD PRACTICE.
17. THE CONTRACTOR SHALL INCLUDE ALL PROPRIETARY AND ASSOCIATED SUPPLEMENTARY WORK TO PROVIDE A COMPLETE AND FINISHED INSTALLATION.
18. WHERE MANUFACTURER'S NAMES AND PRODUCT NUMBERS ARE INDICATED ON DRAWINGS, IT SHALL BE CONSTRUCTED TO MEAN THE ESTABLISHMENT OF QUALITY AND PERFORMANCE STANDARDS OF SUCH ITEMS. ALL OTHER PRODUCTS MUST BE SUBMITTED TO THE ARCHITECT FOR APPROVAL IN ACCORDANCE TO CONTRACT DOCUMENT REQUIREMENT BEFORE THEY SHALL BE DEEMED EQUAL.
19. FIRESTOPPING SHALL BE INSTALLED AT ALL PENETRATIONS OF FIRE RATED CONSTRUCTION AS PER SPECIFICATIONS.
20. PROVIDE GUARDS, RAILS, BARRICADES, FENCES, SIDEWALK SHEDS, CATCH PLATFORMS, DECKING, NIGHT LIGHTING, ETC., AS REQUIRED. TO PROVIDE ADEQUATE PROTECTION.
21. THE CONTRACTOR SHALL, UNLESS OTHERWISE PROVIDED IN THE CONTRACT DOCUMENTS, SECURE AND PAY FOR REQUIRED INSPECTIONS, PERMIT(S), FEES, LICENSE AND INSPECTIONS NECESSARY FOR THE PROPER EXECUTION OF THE WORK.
22. ADDITIONAL NOTES WHICH ARE APPLICABLE TO THIS PROJECT MAY BE FOUND THROUGHOUT THE CONTRACT DOCUMENTS.
23. SEISMIC RESTRAINTS SHALL BE PROVIDED, IN ACCORDANCE TO APPLICABLE CODES.
24. FOR ALL ITEMS THAT ARE REQUIRED TO HAVE SEISMIC SUPPORTS OR RESTRAINTS, SEISMIC PLANS AND SEISMIC RESTRAINT CALCULATIONS SHALL BE PREPARED, SEALED AND SIGNED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NEW YORK ENGAGED BY THE CONTRACTOR. THE ENGINEER SHALL PROVIDE INSTALLATION SUPERVISION OF ALL SEISMIC SUPPORTS AND RESTRAINTS, UNLESS OTHERWISE NOTED.
25. REVIEW AND COORDINATE ALL CONDITIONS (INCLUDING BUT NOT LIMITED TO PENETRATIONS, FABRICATIONS, INSTALLATIONS) FOR CONFORMANCE TO THE PLANS, SPECIFICATIONS, APPLICABLE REFERENCE STANDARDS AND OTHER PROVISIONS OF THE CONTRACT DOCUMENTS, AND COORDINATE ALL WORK WITH ALL OTHER TRADES.
26. ALL WORK MUST CONFORM TO ALL CODES HAVING JURISDICTION ANY CONFLICT OF OR BETWEEN CODE, THE MORE STRINGENT CODE SHALL SUPERSEDE ALL OTHERS.
27. USE ONLY NEW MATERIALS AND EQUIPMENT, WITHOUT DEFECTS FOR THEIR INTENDED USE.
28. CONTRACTORS SHALL PROTECT ALL AREAS OF EXISTING CONSTRUCTION AND RELATED ITEMS FROM DAMAGE DURING CONSTRUCTION OPERATIONS.
29. ALL OCCUPIED PORTION OF THE SCHOOL BUILDING SHALL ALWAYS COMPLY WITH THE MINIMUM REQUIREMENTS NECESSARY TO MAINTAIN A CERTIFICATE OF OCCUPANCY.
30. ALL MEASUREMENTS AND CONDITIONS TO BE VERIFIED AT THE BUILDING BY THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE THEREFORE.
31. ALL CONTRACTORS SHALL MEET THE FOLLOWING MINIMUM SAFETY AND SECURITY STANDARDS FOR CONSTRUCTION PROJECTS.
    a) ALL CONSTRUCTION MATERIALS SHALL BE STORED IN A SAFE AND SECURE MANNER.
    b) FENCES AROUND CONSTRUCTION SUPPLIES AND DEBRIS SHALL BE MAINTAINED.
    c) WORKERS SHALL BE REQUIRED TO WEAR PHOTO IDENTIFICATION BADGES AT ALL TIMES FOR IDENTIFICATION AND SECURITY PURPOSES WHILE WORKING ON SITE.
32. a) REMOVAL OF ALL DEBRIS SHALL BE THROUGH DESIGNATED, SEPARATED AND PROTECTED AREAS OF THE BUILDING. THERE SHALL BE NO MOVEMENT OF DEBRIS OR EQUIPMENT THROUGH OCCUPIED SPACES OF THE BUILDING.
    b) ALL OCCUPIED PARTS OF A BUILDING AFFECTED BY CONSTRUCTION ACTIVITY SHALL BE CLEANED AT THE CLOSE OF EACH WORK DAY.
33. CONTRACTOR SHALL MAKE THE BUILDING SECURE AT THE END OF EACH WORK DAY. PROVIDE TEMPORARY PLYWOOD COVERS OVER WINDOW/ DOOR OPENINGS AS REQUIRED TO SECURE BUILDING TO THE OWNERS SATISFACTION.

GENERAL REMOVAL NOTES:

1. REMOVAL DRAWINGS INDICATE ONLY MAJOR SCOPE OF REMOVALS. CONTRACTOR IS REQUIRED TO REMOVE ANY AND ALL ITEMS NOT SHOWN AS REQUIRED TO SUIT ALL NEW WORK. CONTRACTOR IS REQUIRED TO REMOVE, PROTECT AND STORE ANY AND ALL ITEMS SHOWN AS REQUIRED TO SUIT ALL NEW WORK, COORDINATE W/ OWNER FOR STORING LOCATIONS.
2. CONTRACTOR IS TO VERIFY ANY MAJOR DIMENSIONAL DEVIATIONS FROM DRAWINGS OR STRUCTURAL OBSTRUCTIONS. THESE SHALL BE BROUGHT TO THE OWNER'S REPRESENTATIVE'S ATTENTION. ALL CONTRACT DRAWINGS INDICATE APPROXIMATE DIMENSIONS AND EXISTING CONDITIONS BASED ON FIELD SURVEY AND DRAWINGS FURNISHED BY THE OWNER. VARIATIONS MAY EXIST AS TO FIELD CONDITIONS. THE COST FOR ANY SUCH VARIATIONS SHALL BE INCLUDED WITHIN THE CONTRACT BID.
3. ALL SURFACES DISTURBED BY REMOVALS SHALL BE PATCHED/REPAIRED TO MATCH EXISTING ADJACENT FINISHES, COORDINATE AND PREPARE SURFACES TO ACCOMMODATE WITH NEW FINISH ACCORDING TO SPECS AND MANUFACTURER'S RECOMMENDATIONS.
4. EACH CONTRACTOR SHALL FIRE STOP ALL OF THEIR TRADE RELATED EXISTING OR NEW PENETRATIONS THROUGH FLOORS, PARTITIONS AND WALLS AT ALL LOCATIONS WITH APPROVED MATERIALS AND SYSTEMS.
5. ALWAYS WORK IN A MANNER WHICH PROVIDES CONTINUOUS SUPPORT TO STRUCTURE ABOVE. PROVIDE APPROPRIATE LINTEL FOR ALL OPENINGS UNLESS SPECIFIED OTHERWISE.
6. REMOVE ALL WINDOW TREATMENTS AND HARDWARE WHERE WINDOWS ARE BEING REPLACED. IF REQUESTED, TURNOVER TO OWNER.
7. COORDINATE REMOVALS WITH NEW WORK.
8. FOR ABATEMENT OF HAZARDOUS MATERIALS REFER TO ABATEMENT DRAWINGS AND SPECIFICATIONS.
9. ABATEMENT OF HAZARDOUS MATERIAL SHALL BE COORDINATED WITH REMOVAL WORK.

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S.E.D. CONTROL NUMBER:
GREENVILLE ELEMENTARY SCHOOL 66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL 66-04-06-03-0-001-019

PROJECT TITLE: EDGEMONT SCHOOL DISTRICT GREENVILLE ELEMENTARY SCHOOL CAFETERIA RENOVATION AND RELATED WORK SEELY PLACE ELEMENTARY SCHOOL PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE: LOCATION MAP, ABBREVIATIONS, LEGENDS GENERAL NOTES, & LIST OF DRAWINGS.

DATE	ISSUED TO
01-06-2023	B I D

SHEET SIZE: 30"x42"
SCALE: AS NOTED
DRAWING NO.: G-1
DRAWN BY: F & D
FILE NO.: 21434.01

PLOT DATE: January 05, 2023 – 9:06am

FILE: I:\21434.01 Edgemont Greenville Cafeteria Renovation\DRAWINGS\CURRENT\1-F&D\G-1.dwg

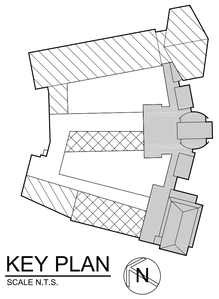
1 CAFETERIA PLAN - CODE COMPLIANCE

SCALE: 1/8" = 1'-0"

* KEY

	YEAR OF CONSTRUCTION	CONSTRUCTION CLASSIFICATION	BUILDING AREA S.F.
	ORIGINAL CONSTRUCTION – 1949	TYPE 2	11,460
	ADDITION – 1960	TYPE 2	26,540
	ADDITION – 1969	TYPE 2	10,300
	ADDITION – 2000	TYPE 2	24,090

*INFORMATION BASED ON DRAWINGS PROVIDED BY EDGEMONT UNION FREE SCHOOL DISTRICT. S.E.D. PROJECT NUMBER 64-04-06-03-0-008-007 DATED 12/18/2000



KEY PLAN

SCALE N.T.S.

CODE INFORMATION FOR PROPOSED WORK

1. APPLICABLE CODE STANDARDS
   1998 MANUAL OF PLANNING STANDARDS FOR SCHOOLS
   2020 BUILDING CODE OF NEW YORK STATE (IBC 2018 WITH AMENDMENTS)
   ICC A117.1 2009 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES
   2020 ENERGY CONSERVATION CODE OF NEW YORK STATE (IECC 2018 WITH AMENDMENTS)
   2020 FIRE CODE OF NEW YORK STATE (IFC 2018 WITH AMENDMENTS)
   2020 MECHANICAL CODE OF NEW YORK STATE (IMC 2018 WITH AMENDMENTS)
   2020 PLUMBING CODE OF NEW YORK STATE (IPC 2018 WITH AMENDMENTS)
   2020 INTERNATIONAL EXISTING BUILDING CODE OF NEW YORK STATE (IEBC 2018 WITH AMENDMENTS)
   2017 NATIONAL ELECTRICAL CODE (NFPA 70 WITHOUT AMENDMENTS)
2. ALTERATION – LEVEL 2 (603)
3. USE GROUP CLASSIFICATION (302)
   NO CHANGE TO EXISTING OCCUPANCY OR USE GROUP.
4. NUMBER OF STORIES (504.4)
   1 STORY
5. OCCUPANCY LOAD (1004.5)
   ASSEMBLY
   • UNCONCENTRATED (TABLE & CHAIRS) 15 s.f. (GROSS)/OCCUPANT
6. EGRESS WIDTH PER OCCUPANT SERVED (1005)
   STAIRS 0.3"/PERSON (NON-SPRINKLERED)
   OTHER EGRESS COMPONENTS 0.2"/PERSON (NON-SPRINKLERED)
7. INTERIOR WALL & CEILING FINISH REQUIREMENTS (TABLE 803.13)
   GROUP "E" AND "A2" (NON-SPRINKLERED)
   • VERTICAL EXITS AND EXIT PASSAGE A
   • EXIT ACCESS CORRIDORS & OTHER EXIT WAYS B
   • ROOMS AND ENCLOSED SPACES C
8. CORRIDORS (1020)
   MINIMUM WIDTH: 6'-0" MIN. (NYSIBC)
   MAIN 8'-0" MIN. (NYS SED)
   SECONDARY 6'-0" MIN. (NYS SED)
   FIRE RESISTANCE RATING (NON-SPRINKLERED) 1 HR.
9. LINE OF TRAVEL (NYSED-S107-b)
   GROUND FLOOR 150' MAX.
   OTHER THAN GROUND FLOOR 120' MAX.
10. COMMON PATH OF EGRESS TRAVEL (TABLE 1006.2.1)
    (NON-SPRINKLERED) 75' MAX.
    30'MAX. (FIXED SEATING)
11. DEAD END (NYSED)
    *UNLIMITED WHEN LENGTH IS LESS THAN 1½ x WIDTH OF CORRIDOR
12. FIRE PROTECTION SYSTEM (901)
    A. NOTIFICATION/ALARMS YES
    B. DETECTION YES
13. PORTABLE FIRE EXTINGUISHERS (NYS FC-906)
    C. MAXIMUM DISTANCE OF TRAVEL TO EXTINGUISHER 75'
    D. MINIMUM EXTINGUISHER RATING 2-A
    E. MAXIMUM FLOOR AREA FOR EXTINGUISHER 11,250 s.f.

CODE REFERENCE PLAN LEGEND

CLASSROOM C1E	ROOM NAME AND NUMBER
	AREA IN SQ. FT.
XXX-x / XXX	ROOM OCCUPANCY LOAD
	OCCUPANCY LOAD FACTOR
	ACTUAL EGRESS OCCUPANCY OF DOOR OR STAIR
	MAXIMUM ALLOWABLE EGRESS OCCUPANCY OF DOOR OR STAIR
60	DIRECTION OF TRAVEL WITH ACCUMULATED OCCUPANCY LOAD
29 CAP. TOTAL	ACCESSIBLE AREA OR EXIT
	1 HR. FIRE RATED WALL (TIGHT TO DECK ABOVE)
	2 HR. FIRE RATED WALL (TIGHT TO DECK ABOVE)
	SMOKE TIGHT WALL (TIGHT TO DECK ABOVE)
	EXISTING 1 HR. OCCUPANCY SEPARATION FIRE RATED PARTITION
	LINE OF FIRE SEPARATION DISTANCE FROM EACH BUILDING ON SAME PROPERTY
XX'	MAXIMUM TRAVEL DISTANCE TO A COMMON PATH OF TRAVEL (FROM MOST REMOTE POINT)
XXX'	MAXIMUM TRAVEL DISTANCE TO AN EXIT (FROM MOST REMOTE POINT)
AR	AREA OF REFUGE
RW	RESCUE WINDOW
•FE	FIRE EXTINGUISHER
(FSD)	FIRE SEPARATION DISTANCE
(PH)	PANIC HARDWARE
(DF)	DRINKING FOUNTAIN
	EXIT

DOOR EXIT WIDTH (NON-SPRINKLERED) (1005)

32" DOOR WIDTH = 29.62" ACTUAL DOOR EXIT WIDTH @ .20"/P = 148 PERSONS
36" DOOR WIDTH = 33.62" ACTUAL DOOR EXIT WIDTH @ .20"/P = 168 PERSONS
48" DOOR WIDTH = 45.62" ACTUAL DOOR EXIT WIDTH @ .20"/P = 228 PERSONS

AT DOORS WITH CENTER MULLION:
(2)32" DOOR WIDTH = 58.5" ACTUAL DOOR EXIT WIDTH @ .20"/P = 292 PERSONS
(2)36" DOOR WIDTH = 66.5" ACTUAL DOOR EXIT WIDTH @ .20"/P = 332 PERSONS

KEYED NOTES - GREENVILLE

*1 TOTAL OCCUPANT LOAD OF EXISTING CAFETERIA 159
TOTAL OCCUPANT LOAD OF RENOVATED CAFETERIA 161
OCCUPANT LOAD OF RENOVATED CAFETERIA WILL BE LIMITED TO 158

2 AREA OF PANTRY NOT INCLUDED IN FLOOR AREA OF CAFETERIA.

*INFORMATION BASED ON DRAWINGS PROVIDED BY EDGEMONT UNION FREE SCHOOL DISTRICT. S.E.D. PROJECT NUMBER 64-04-06-03-0-008-007 DATED 12/18/2000

DOOR HARDWARE NOTES

1.	ALL RATED DOORS SHALL HAVE POSITIVE LATCHING LOCKSETS / LATCHSETS AND CLOSERS.
2.	ALL DOORS LEADING TO HAZARDOUS SPACE SHALL HAVE TACTILE WARNING. HAZARDOUS AREAS INCLUDE STORAGE, PREP. ROOM, MECHANICAL ROOM, JANITOR.
3.	ALL DOORS EXISTING (50) OR MORE PERSONS SHALL HAVE PANIC EXIT DEVICES.
4.	ALL DOORS FRONTING CORRIDORS SHALL HAVE POSITIVE LATCHING LOCKSETS OR LATCHSETS.
5.	DOOR HARDWARE ACCESSIBLE TO PERSONS WITH DISABILITIES SHALL BE PROVIDED TO COMPLY WITH UNIFORM FEDERAL ACCESSIBILITY STANDARDS.
6.	BOILER ROOM SHALL HAVE A 90 MINUTE DOOR, FRAME AND HARDWARE.
7.	THE CONTRACTOR SHALL INSURE THAT ITEMS 1 THROUGH 7 ARE IMPLEMENTED.
8.	ALL HAZARDOUS AREA DOORS SHALL HAVE CLOSERS.

AS PER USA CONGRESS ARCHITECTURAL WORKS COPYRIGHT PROTECTION ACT OF 1990 ALL IDEAS AND DESIGNS INCLUDING DERIVATIVES THEREOF, ALL DRAWINGS AND SPECIFICATIONS CONSTITUTE THE ORIGINAL COPYRIGHT WORK BY FULLER AND D'ANGELO, P.C. (F&D). THE DRAWINGS AND SPECIFICATIONS AS INSTRUMENTS OF SERVICE BY F&D ARE CREATED BY F&D FOR THIS PROJECT ONLY AND REMAIN THE PRODUCT AND PROPERTY OF F&D. ANY REPRODUCTION WITHOUT THE PRIOR CONSENT OF F&D IS PROHIBITED.

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S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE
EDGEMONT UNION FREE SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
ADDITION AND RENOVATION AND RELATED WORK
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
GREENVILLE ELEMENTARY SCHOOL
CODE COMPLIANCE SHEET

DATE	ISSUED TO
01-06-2023	B I D

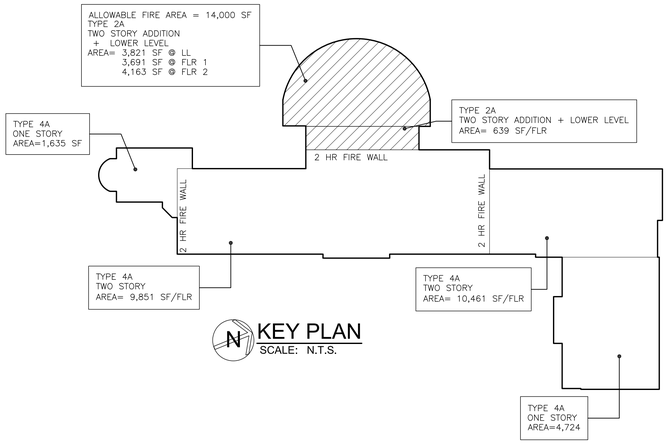
SHEET SIZE 30"x42"	DRAWING NO. GVES CC-1
SCALE AS NOTED	
DRAWN BY F & D	FILE NO. 21434.01

PLOT DATE: January 05, 2023 - 9:08am

FILE: I:\21434.01 Edgemont Greenville Cafeteria Renovation\DRAWINGS\CURRENT\1-F&D\GVES-CC-1.dwg

KEY	
	YEAR OF CONSTRUCTION
	ORIGINAL CONSTRUCTION – 1927
	ADDITION – 2000

*INFORMATION BASED ON DRAWINGS PROVIDED BY EDGEMONT UNION FREE SCHOOL DISTRICT. S.E.D. PROJECT NUMBER 64-04-06-03-0-001-011 DATED 9/29/2000



N KEY PLAN
SCALE: N.T.S.

CODE INFORMATION FOR PROPOSED WORK

1. APPLICABLE CODE STANDARDS

1998 MANUAL OF PLANNING STANDARDS FOR SCHOOLS
2020 BUILDING CODE OF NEW YORK STATE (IBC 2018 WITH AMENDMENTS)
ICC A117.1 2009 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES
2020 ENERGY CONSERVATION CODE OF NEW YORK STATE (IECC 2018 WITH AMENDMENTS)
2020 FIRE CODE OF NEW YORK STATE (IFC 2018 WITH AMENDMENTS)
2020 MECHANICAL CODE OF NEW YORK STATE (IMC 2018 WITH AMENDMENTS)
2020 PLUMBING CODE OF NEW YORK STATE (IPC 2018 WITH AMENDMENTS)
2020 INTERNATIONAL EXISTING BUILDING CODE OF NEW YORK STATE (IEBC 2018 WITH AMENDMENTS)
2017 NATIONAL ELECTRICAL CODE (NFPA 70 WITHOUT AMENDMENTS)

2. ALTERATION – LEVEL 2 (603)

3. USE GROUP CLASSIFICATION (302)
NO CHANGE TO EXISTING OCCUPANCY OR USE GROUP.

4. NUMBER OF STORIES (504.4)
2 STORIES

5. OCCUPANCY LOAD (1004.5)

ASSEMBLY
- STANDING 5 s.f. (NET)/OCCUPANT
- CONCENTRATED 7 s.f. (GROSS)/OCCUPANT
- UNCONCENTRATED (TABLE & CHAIRS) 15 s.f. (GROSS)/OCCUPANT

6. EGRESS WIDTH PER OCCUPANT SERVED (1005)
STAIRS 0.3"/PERSON (NON-SPRINKLERED)
OTHER EGRESS COMPONENTS 0.2"/PERSON (NON-SPRINKLERED)

7. INTERIOR WALL & CEILING FINISH REQUIREMENTS (TABLE 803.13)
GROUP "E" AND "A2" (NON-SPRINKLERED)
- VERTICAL EXITS AND EXIT PASSAGE A
- EXIT ACCESS CORRIDORS & OTHER EXIT WAYS B
- ROOMS AND ENCLOSED SPACES C

8. CORRIDORS (1020)
MINIMUM WIDTH: 6'-0" MIN. (NYSIBC)
MAIN 8'-0" MIN. (NYS SED)
SECONDARY 6'-0" MIN. (NYS SED)
FIRE RESISTANCE RATING (NON-SPRINKLERED) 1 HR.

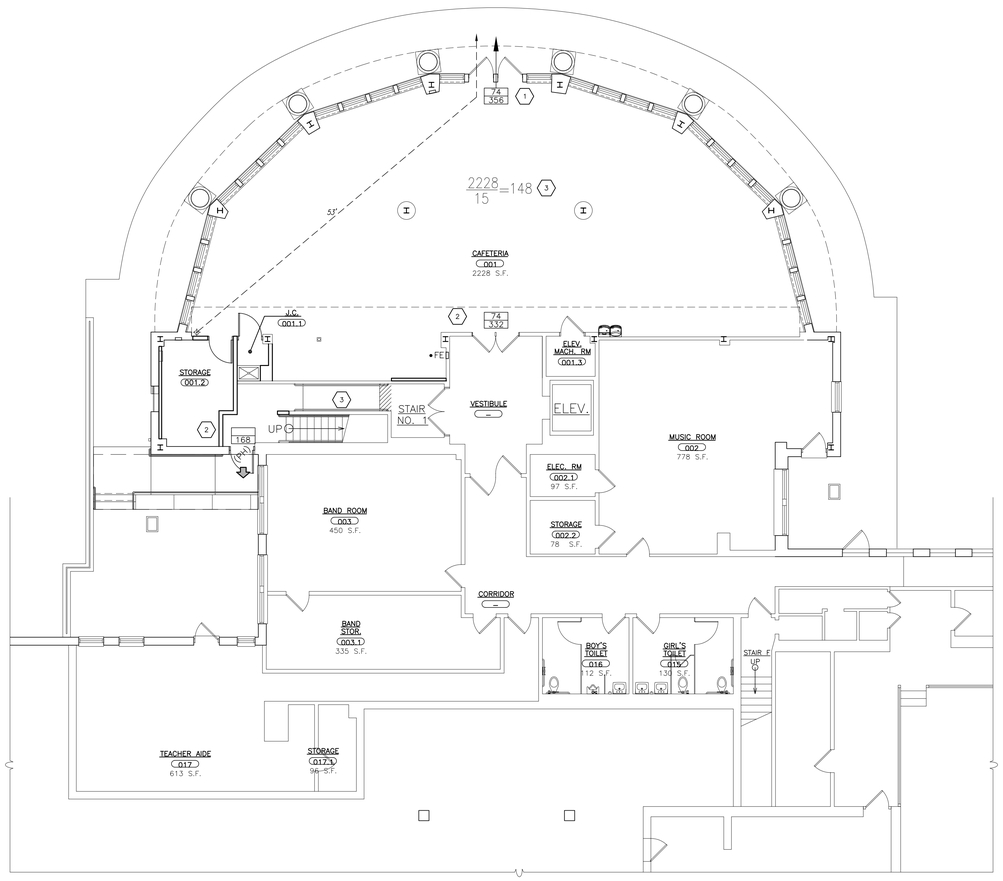
9. LINE OF TRAVEL (NYSED-S107-b)
GROUND FLOOR 150' MAX.
OTHER THAN GROUND FLOOR 120' MAX.

10. COMMON PATH OF EGRESS TRAVEL (TABLE 1006.2.1)
(NON-SPRINKLERED) 75' MAX.
30'MAX. (FIXED SEATING)

11. DEAD END (NYSED)
*UNLIMITED WHEN LENGTH IS LESS THAN 1½ x WIDTH OF CORRIDOR

12. FIRE PROTECTION SYSTEM (901)
A. NOTIFICATION/ALARMS YES
B. DETECTION YES

13. PORTABLE FIRE EXTINGUISHERS (NYS FC-906)
C. MAXIMUM DISTANCE OF TRAVEL TO EXTINGUISHER 75'
D. MINIMUM EXTINGUISHER RATING 2-A
E. MAXIMUM FLOOR AREA FOR EXTINGUISHER 11,250 s.f.



1 CAFETERIA PLAN - CODE COMPLIANCE
SCALE: 1/8" = 1'-0"

CODE REFERENCE PLAN LEGEND

CLASSROOM C16	ROOM NAME AND NUMBER
XXX-X	AREA IN SQ. FT.
XXX-X	ROOM OCCUPANCY LOAD
XXX-X	OCCUPANCY LOAD FACTOR
XXX / XXX	ACTUAL EGRESS OCCUPANCY OF DOOR OR STAIR
XXX / XXX	MAXIMUM ALLOWABLE EGRESS OCCUPANCY OF DOOR OR STAIR
60	DIRECTION OF TRAVEL WITH ACCUMULATED OCCUPANCY LOAD
	ACCESSIBLE AREA OR EXIT
	1 HR. FIRE RATED WALL (TIGHT TO DECK ABOVE)
	2 HR. FIRE RATED WALL (TIGHT TO DECK ABOVE)
	SMOKE TIGHT WALL (TIGHT TO DECK ABOVE)
	EXISTING 1 HR. OCCUPANCY SEPARATION FIRE RATED PARTITION
	LINE OF FIRE SEPARATION DISTANCE FROM EACH BUILDING ON SAME PROPERTY
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XXX'	MAXIMUM TRAVEL DISTANCE TO AN EXIT (FROM MOST REMOTE POINT)
AR	AREA OF REFUGE
RW	RESCUE WINDOW
•FE	FIRE EXTINGUISHER
(FSD)	FIRE SEPARATION DISTANCE
(PH)	PANIC HARDWARE
(DF)	DRINKING FOUNTAIN
	EXIT

KEYED NOTES - SEELY PLACE

*1 TOTAL OCCUPANT LOAD OF EXISTING CAFETERIA 158
TOTAL OCCUPANT LOAD OF RENOVATED CAFETERIA 148
NEW OCCUPANT LOAD DOES NOT CONTRIBUTE TO EXISTING EGRESS LOADS.

2 NEW EXIT DOOR REPLACES EXISTING EXIT DOOR OF SAME WIDTH.

3 NEW RAMP WIDTH MATCHES EXISTING.

*INFORMATION BASED ON DRAWINGS PROVIDED BY EDGEMONT UNION FREE SCHOOL DISTRICT. S.E.D. PROJECT NUMBER 64-04-06-03-0-001-011 DATED 9/29/2000

DOOR EXIT WIDTH (NON-SPRINKLERED) (1005)

36" DOOR WIDTH = 33.62" ACTUAL DOOR EXIT WIDTH @ .20"/P = 168 PERSONS

38" DOOR WIDTH = 35.62" ACTUAL DOOR EXIT WIDTH @ .20"/P = 178 PERSONS

AT DOORS WITH CENTER MULLION:
(2)36" DOOR WIDTH = 66.5" ACTUAL DOOR EXIT WIDTH @ .20"/P = 332 PERSONS

DOOR HARDWARE NOTES

1. ALL RATED DOORS SHALL HAVE POSITIVE LATCHING LOCKSETS / LATCHSETS AND CLOSERS.
2. ALL DOORS LEADING TO HAZARDOUS SPACE SHALL HAVE TACTILE WARNING. HAZARDOUS AREAS INCLUDE STORAGE, PREP. ROOM, MECHANICAL ROOM, JANITOR.
3. ALL DOORS EXISTING (50) OR MORE PERSONS SHALL HAVE PANIC EXIT DEVICES.
4. ALL DOORS FRONTING CORRIDORS SHALL HAVE POSITIVE LATCHING LOCKSETS OR LATCHSETS.
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6. BOILER ROOM SHALL HAVE A 90 MINUTE DOOR, FRAME AND HARDWARE.
7. THE CONTRACTOR SHALL INSURE THAT ITEMS 1 THROUGH 7 ARE IMPLEMENTED.
8. ALL HAZARDOUS AREA DOORS SHALL HAVE CLOSERS.

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SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE RENOVATION AND RELATED WORK
GREENVILLE ELEMENTARY SCHOOL
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
SEELY PLACE ELEMENTARY SCHOOL
CODE COMPLIANCE SHEET

DATE	ISSUED TO
01-06-2023	B I D

SHEET SIZE 30"x42"
DRAWING NO. SPES CC-1
SCALE AS NOTED
DRAWN BY F & D
FILE NO. 21434.01

PLOT DATE: January 05, 2023 - 9:14am

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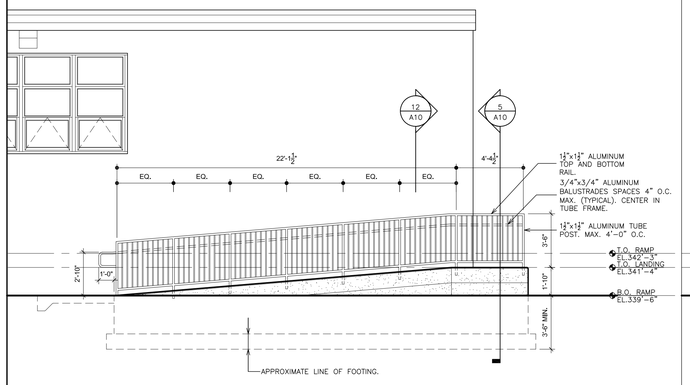
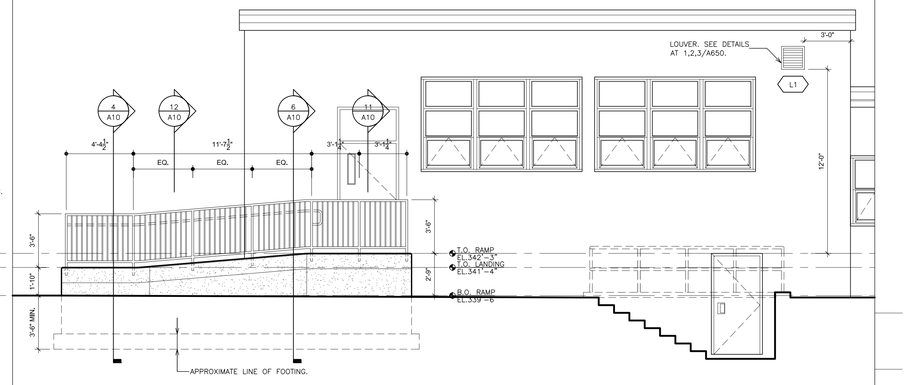
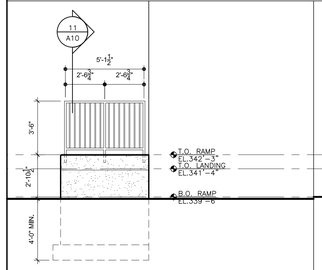


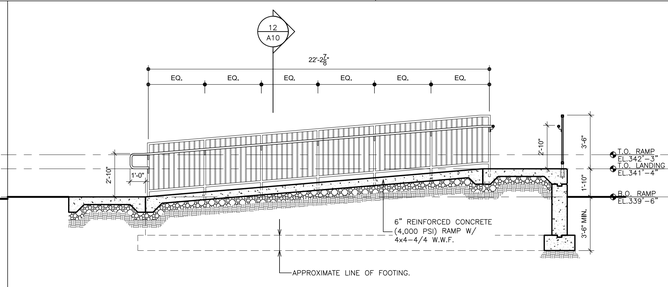
GREENVILLE E.S.
① RAMP ELEVATION
SCALE: 1/4" = 1'-0"



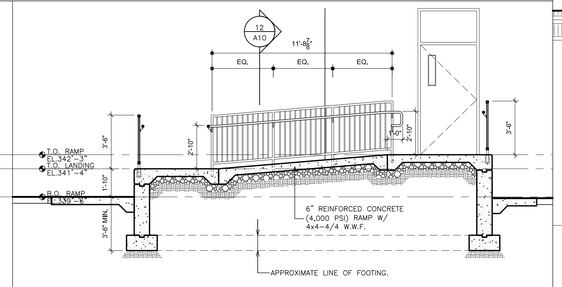
GREENVILLE E.S.
② RAMP ELEVATION
SCALE: 1/4" = 1'-0"



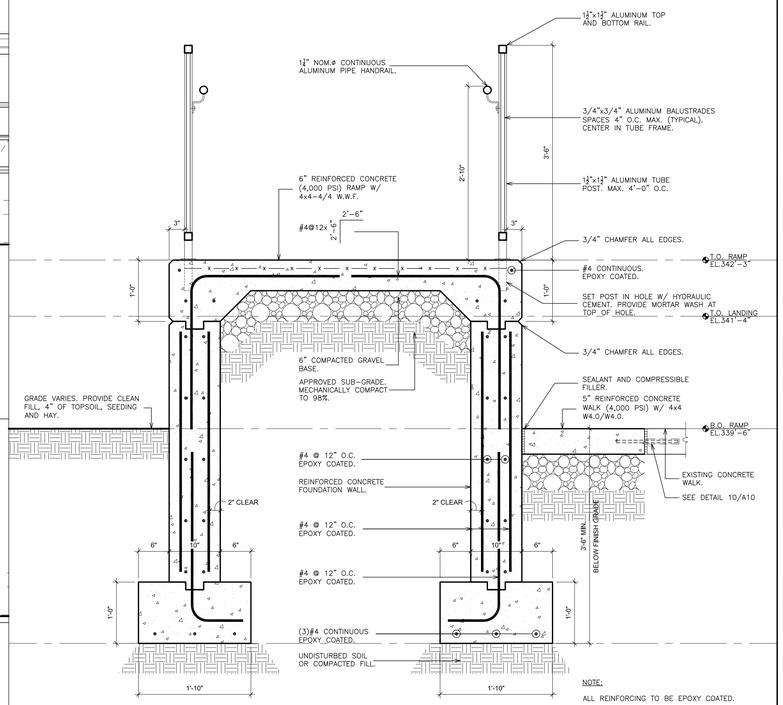
GREENVILLE E.S.
③ RAMP ELEVATION
SCALE: 1/4" = 1'-0"



GREENVILLE E.S.
④ SECTION - RAMP
SCALE: 1/4" = 1'-0"



GREENVILLE E.S.
⑤ SECTION - RAMP
SCALE: 1/4" = 1'-0"



GREENVILLE E.S.
⑥ DETAIL - TYPICAL RAMP WALL
SCALE: 1" = 1'-0"

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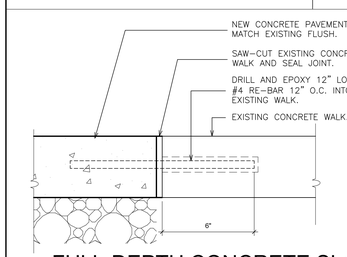
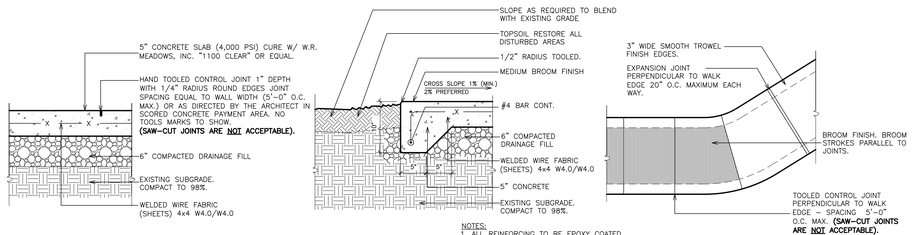
FULLER D'ANGELO P.C. ARCHITECTS PLANNERS
48 KHOLLWOOD ROAD ELMSFORD NEW YORK 10523
TEL. 914.592.2444 FAX 914.592.1717
WWW.FULLERDANGELO.COM



NOTES:

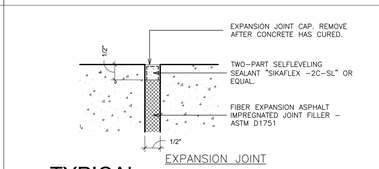
1. REPAIR BOUNDARIES SHALL BE SAWED FULL-DEPTH WITH DIAMOND SAW BLADES, ALL LOOSE BASE OR SUBGRADE MATERIAL NOT RECOMPACTABLE SHALL BE REMOVED PRIOR TO PLACEMENT OF NEW CONCRETE SLAB. THE CONCRETE SLAB SHALL BE PLACED TO THE FULL DEPTH OF MATERIAL REMOVED.
2. RE-BAR SHALL BE EPOXY COATED.
3. MECHANICALLY COMPACTED SUBGRADE TO 98%.
4. ANY SOUND CONCRETE PAVEMENT WHICH IS DAMAGED DURING REMOVAL OF DAMAGED AREAS SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT HIS EXPENSE.

⑩ FULL-DEPTH CONCRETE SLAB REPLACEMENT (TYP.)
SCALE: 3" = 1'-0"

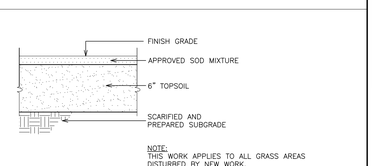


NOTES:
1. ALL REINFORCING TO BE EPOXY COATED.
2. ALL CONTROL & EXPANSION JOINTS MUST BE TOOLED. SAW-CUT JOINTS ARE NOT ACCEPTABLE.
3. ALL EXCAVATED SUBSOIL MATERIALS TO BE LEGALLY DISPOSED OFF SITE BY CONTRACTOR.

⑦ CONCRETE SIDEWALK DETAILS (TYP.)
SCALE: N.T.S.

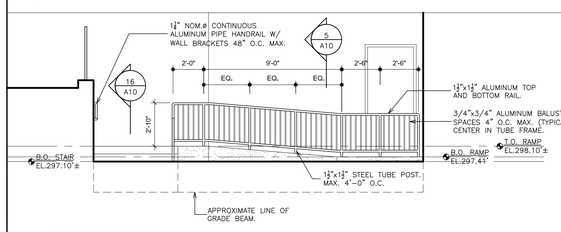


⑧ TYPICAL CONCRETE EXPANSION JOINT
SCALE: N.T.S.

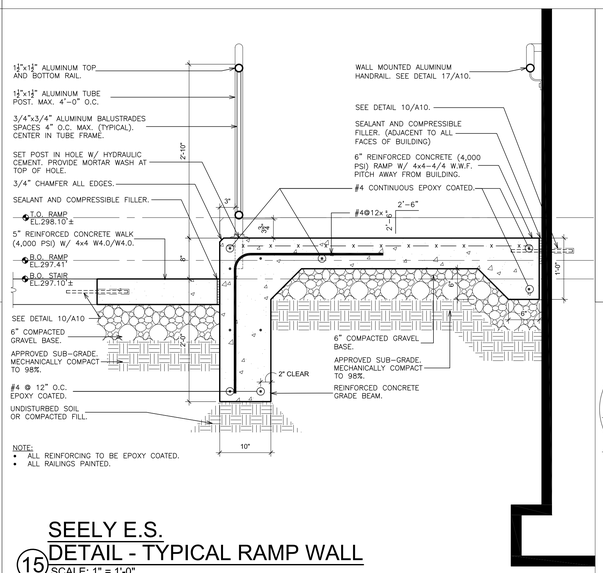


NOTE:
THIS WORK APPLIES TO ALL GRASS AREAS DISTURBED BY NEW WORK.

⑨ TYPICAL TOP SOIL & SOD SECTION
SCALE: N.T.S.

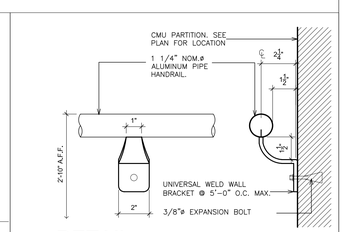


SEELY E.S.
⑬ RAMP ELEVATION
SCALE: 1/4" = 1'-0"

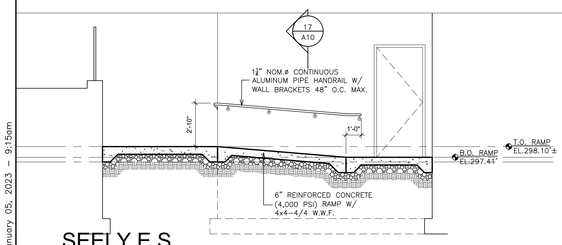


NOTE:
- ALL REINFORCING TO BE EPOXY COATED.
- ALL RAILINGS PAINTED.

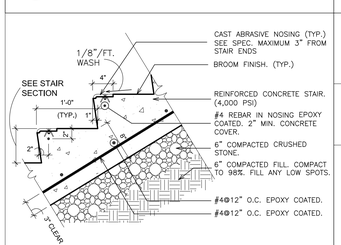
SEELY E.S.
⑮ DETAIL - TYPICAL RAMP WALL
SCALE: 1" = 1'-0"



DETAIL
⑰ TYP. WALL BRACKET
SCALE: 3" = 1'-0"

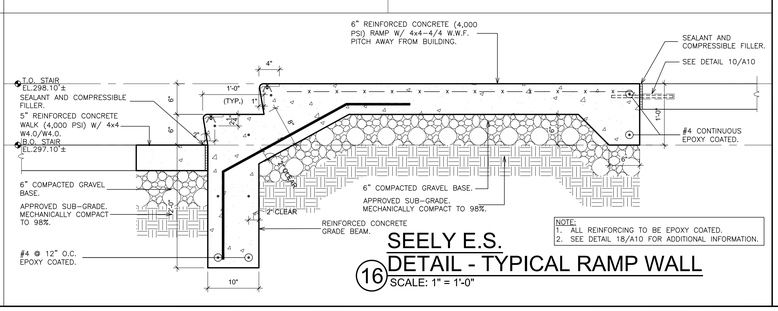


SEELY E.S.
⑭ SECTION - RAMP
SCALE: 1/4" = 1'-0"



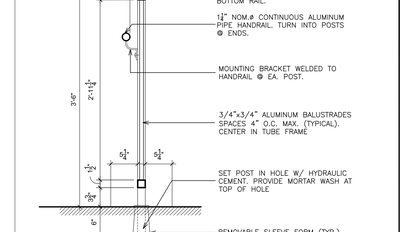
DETAIL
⑱ SCALE: 1" = 1'-0"

NOTE:
ALL REINFORCING TO BE EPOXY COATED.



SEELY E.S.
⑯ DETAIL - TYPICAL RAMP WALL
SCALE: 1" = 1'-0"

NOTE:
1. ALL REINFORCING TO BE EPOXY COATED.
2. SEE DETAIL 18/A10 FOR ADDITIONAL INFORMATION.



DETAIL @ GUARDRAIL
⑪ SCALE: 1" = 1'-0"

NOTE:
ALL RAILINGS PAINTED

DETAIL @ GUARDRAIL
⑫ SCALE: 1" = 1'-0"

NOTE:
ALL RAILINGS PAINTED

S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

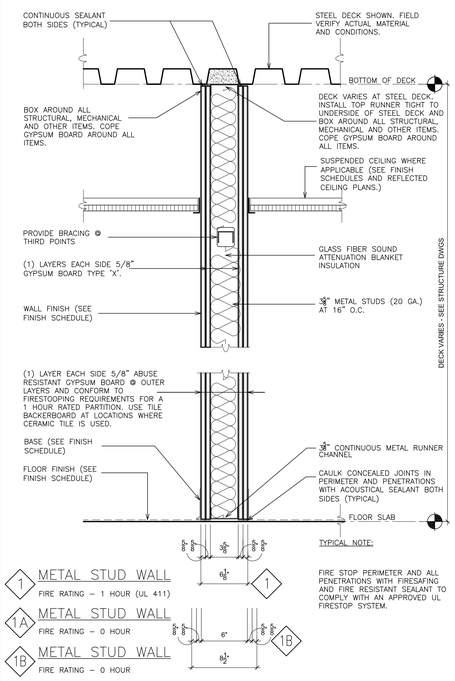
PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
ADDITION AND RELATED WORK
PHASE 1 - HVAC & CAFETERIA

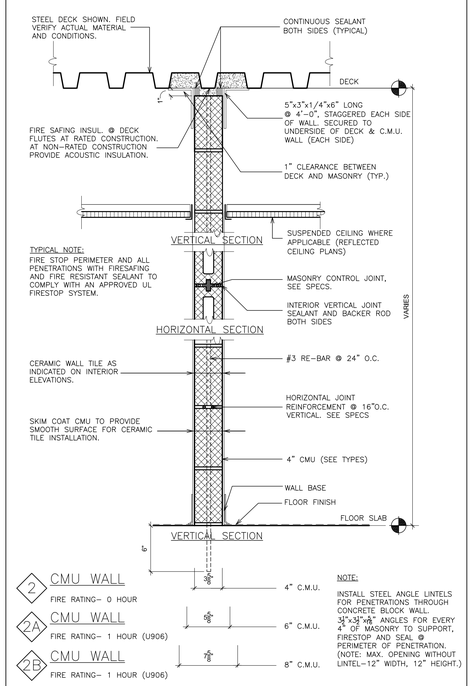
DRAWING TITLE
RAMP ELEVATION, SECTION AND DETAILS

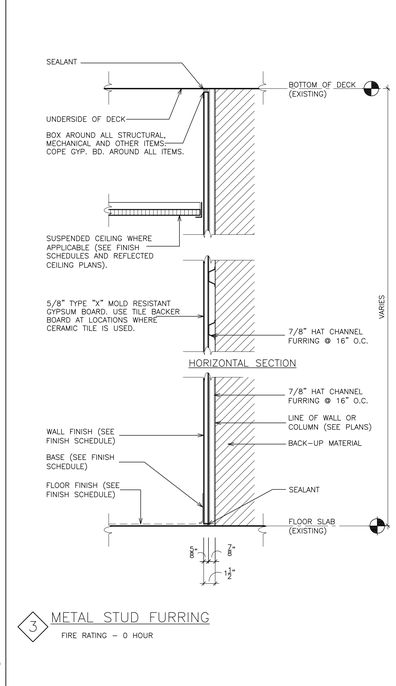
01-06-2023	B I D
DATE	ISSUED TO
SHEET SIZE 30"x42"	DRAWING NO. A10
SCALE AS NOTED	
DRAWN BY F & D	FILE NO. 21434.01

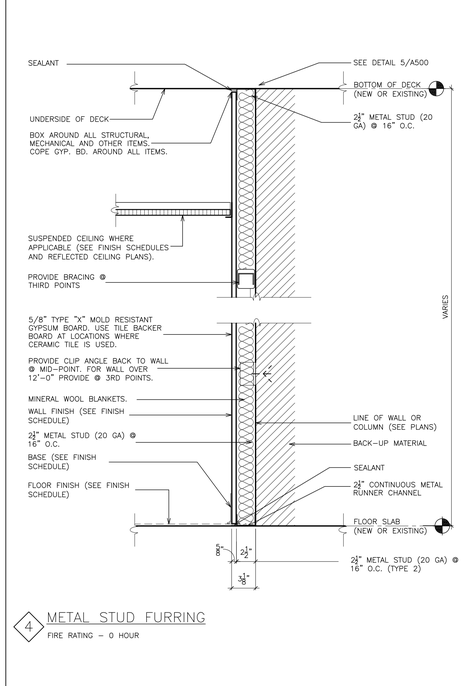
PLOT DATE: January 05, 2023 - 9:15am

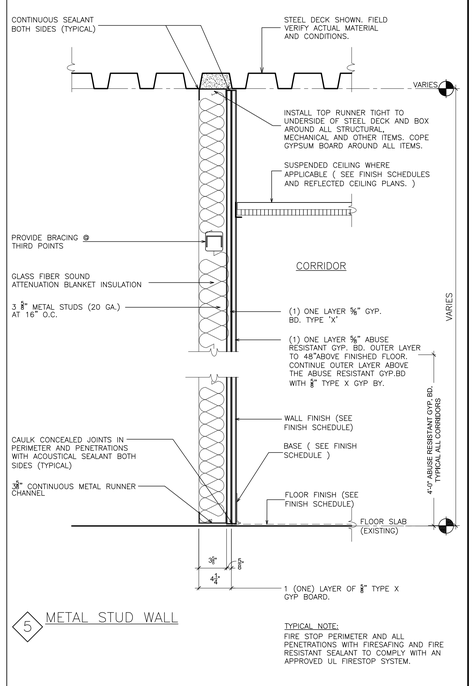
FILE: I:\21434.01 Edgemont Greenville Cafeteria Renovation\DRAWINGS\CURRENT\1-F&D\A10.dwg











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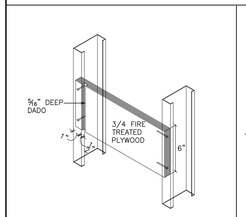
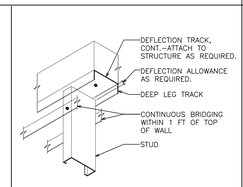
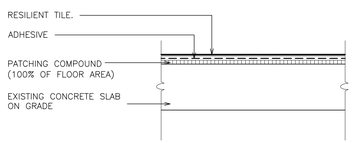


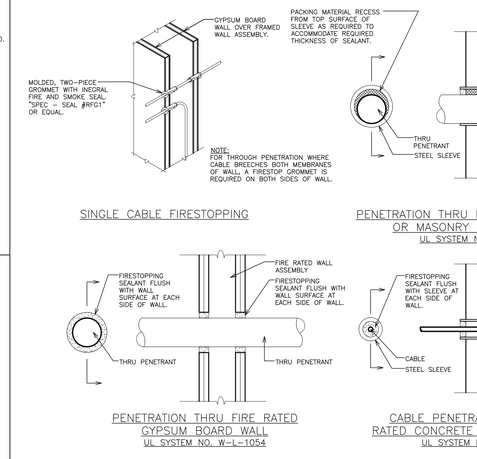
1 TYP. BLOCKING
SCALE: N.T.S.



2 TYP. WALL INTERSECTION
SCALE: N.T.S.



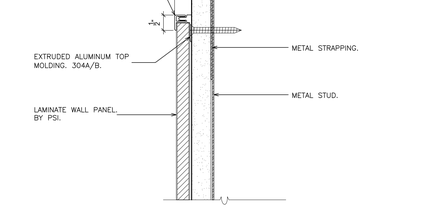
5 REVISED FLOOR ASSEMBLY
SCALE: 1 1/2" = 1'-0"



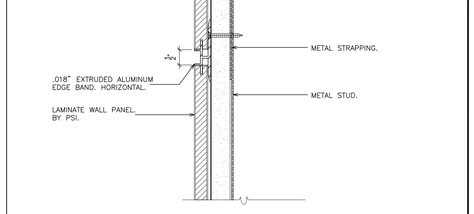
3 TYPICAL FIRESTOPPING DETAILS
NOT TO SCALE

GENERAL NOTES: (ALL PARTITION TYPES)

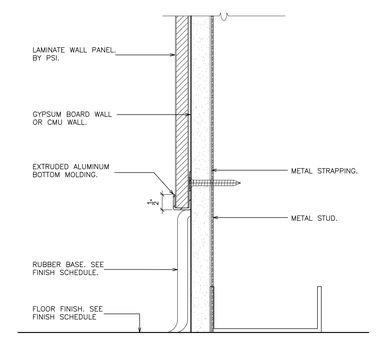
1. REFER TO FINISH SCHEDULE FOR ALL FINISHES.
2. REFER TO A–500 FOR APPLICABLE DETAILS
3. TILE BACKER–BOARD TO BE USED WHERE C.T. IS USED ON STUD WALLS.
4. ALL NEW PARTITIONS SHOULD BE FULL HEIGHT AND SHALL BE SEALED TO RESIST THE PASSAGE OF SMOKE (UNLESS OTHERWISE NOTED)
5. ALL NEW PARTITIONS SHALL BE CONSTRUCTED USING TYPE "X" GYPSUM BOARD. (UNLESS OTHERWISE NOTED)
6. ALL INTERIOR GYPSUM BOARD PARTITIONS SHALL HAVE SOUND ATTENUATION INSULATION EQUAL TO METAL STUD THICKNESS FOR FULL HEIGHT (UNLESS OTHERWISE NOTED)
7. ALL FIRE RATED WALL ASSEMBLIES TO MEET THE FOLLOWING TEST REQUIREMENTS:
   *ASTM E119– STANDARD TEST METHODS FOR FIRE TESTS OF BUILDING CONSTRUCTION AND MATERIALS.
   *ASTM 84– STANDARD TEST METHOD FOR SURFACE BURNING CHARACTERISTICS OF BUILDING MATERIALS.
   *ASTM 814– STANDARD TEST METHOD FOR FIRE TESTS OF THROUGH–PENETRATION FIRE STOPS.



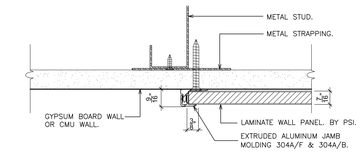
4A WALL PANELS– TOP CAP
SCALE: 6" = 1'-0"



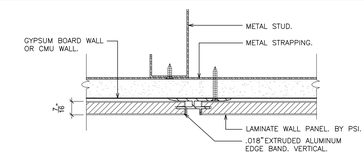
4B WALL PANELS - HORIZONTAL DIVIDER
SCALE: 6" = 1'-0"



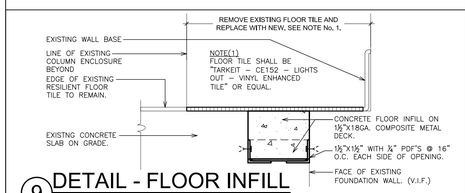
4C WALL PANELS - BASE
SCALE: 6" = 1'-0"



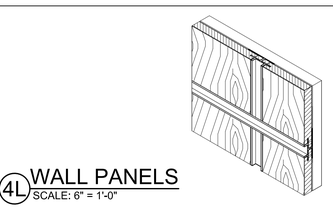
4D WALL PANELS - OUTSIDE CORNER
SCALE: 6" = 1'-0"



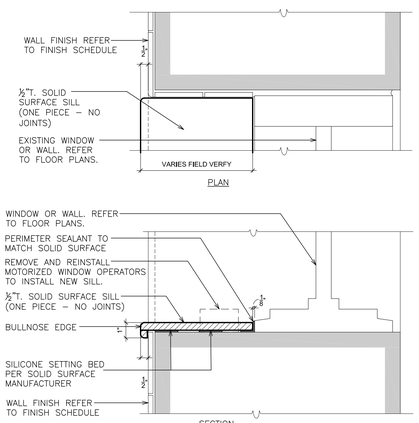
4E WALL PANELS - VERTICAL DIVIDER
SCALE: 6" = 1'-0"



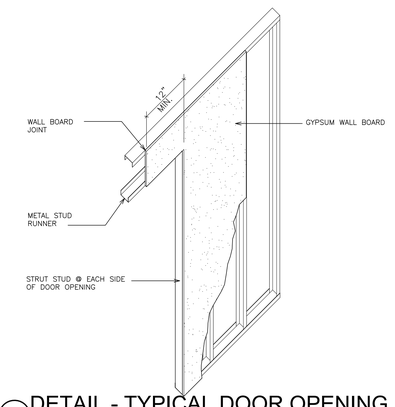
9 DETAIL - FLOOR INFILL
SCALE: 3" = 1'-0"



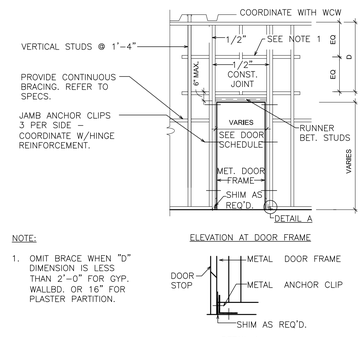
4L WALL PANELS
SCALE: 6" = 1'-0"



6 DETAIL - WINDOW SILL
SCALE: 3" = 1'-0"



7 DETAIL - TYPICAL DOOR OPENING
SCALE: 1/2" = 1'-0"



8 DETAIL- PARTITION FRAMING FOR DOORS
SCALE: 1/4" = 1'-0"

FULLER D'ANGELO P.C. ARCHITECTS PLANNERS
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EMAIL: FULLERDANGELO@MSN.COM

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S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

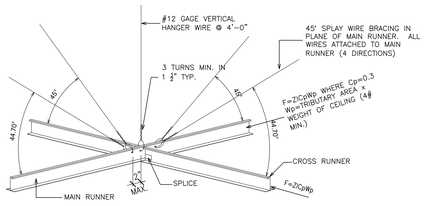
PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
RENOVATIONS TO EXISTING AND RELATED WORK
SEELY PLACE ELEVATION AND ROOF
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
PARTITION TYPE & MISCELLANEOUS DETAILS

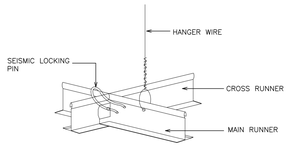
01-06-2023	B I D
DATE	ISSUED TO
SHEET SIZE 30"x42"	DRAWING NO. A500
SCALE AS NOTED	
DRAWN BY F & D	FILE NO. 21434.01

PLOT DATE: January 05, 2023 - 9:16am

FILE: I:\21434.01 Edgemont Greenville Cafeteria Renovation\DRAWINGS\CURRENT\1–F&D\A500–501.dwg

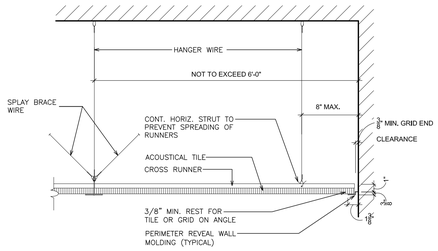


TYPICAL CEILING BRACING DETAIL



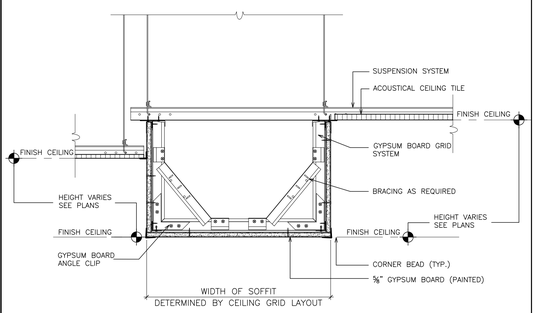
SPLICES AND INTERSECTIONS OF RUNNERS SHALL BE ATTACHED WITH MECHANICAL INTERLOCKING CONNECTORS SUCH AS POP RIVETS, SCREWS, PINS, PLATES WITH BENT TABS, OR OTHER APPROVED CONNECTORS. DESIGN CONNECTORS FOR 2x DESIGN LOAD OR ULTIMATE AXIAL TENSION OR COMPRESSION (MINIMUM 60 POUNDS)

LOCKING PIN DETAIL



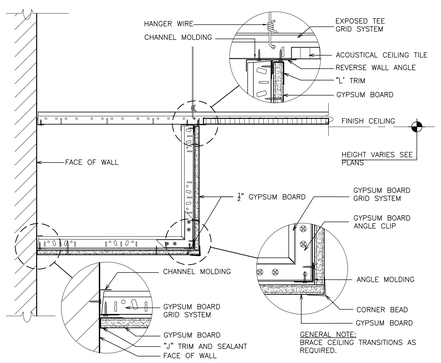
SEISMIC DETAIL @ ALL NEW SUSP. CEILINGS

1 SCALE: N.T.S.



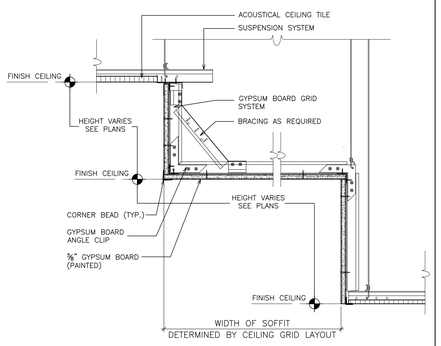
SECTION - DRYWALL SOFFIT @CEILING SYSTEM

2 SCALE: 1 1/2" = 1'-0"



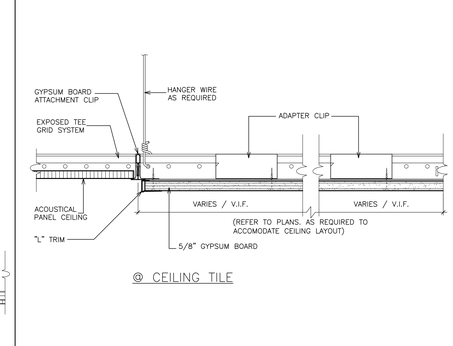
TYPICAL DETAIL - DRYWALL SOFFIT @ ACOUSTIC CEILING SYSTEM

3 SCALE: 1 1/2" = 1'-0"



DRYWALL SOFFIT @CEILING SYSTEM

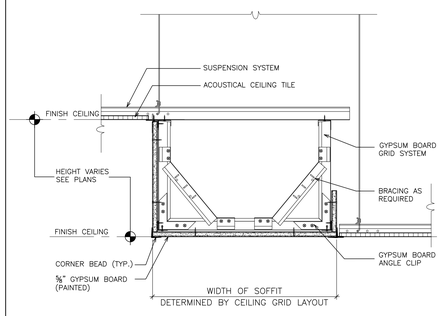
4 SCALE: 1 1/2" = 1'-0"



@ CEILING TILE

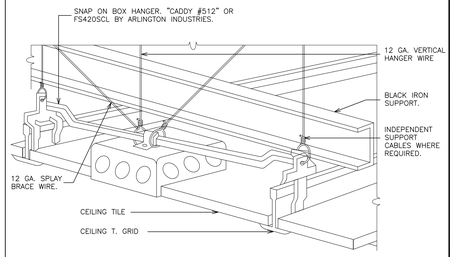
SECTION - FLUSH DRYWALL SOFFIT @ ACOUSTICAL CEILING AND WALL

5 SCALE: 3" = 1'-0"



DRYWALL SOFFIT @CEILING SYSTEM

6 SCALE: 1 1/2" = 1'-0"

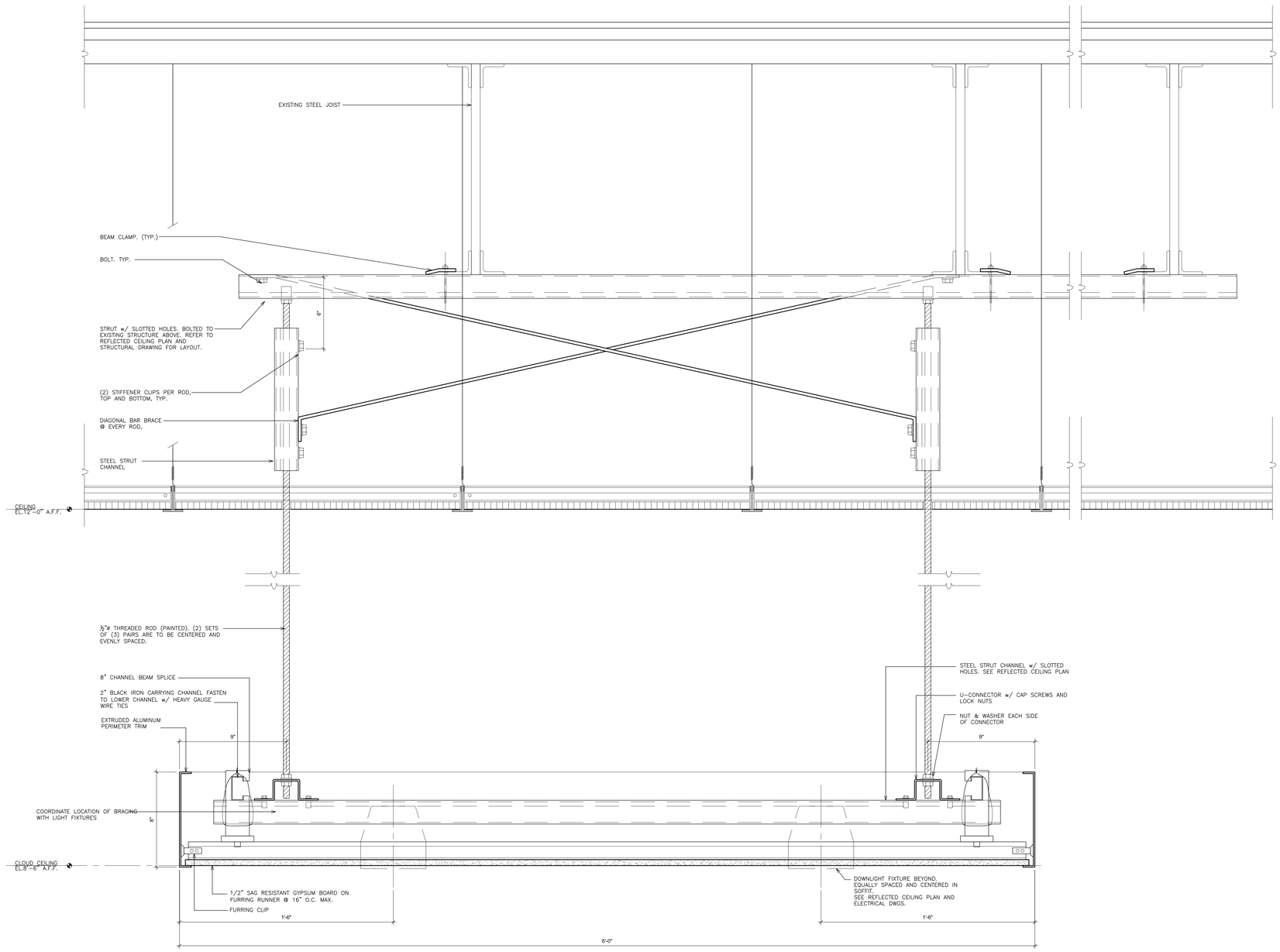


NOTES:

1. FOR USE WITH NEW CEILING MOUNTED DEVICES (SMOKE DETECTORS, RECEPTACLES, SPEAKERS, FANS ETC.).
2. INDEPENDENT SUPPORT FROM BUILDING STRUCTURE REQUIRED FOR ITEMS EXCEEDING 20 LBS. AND FANS.

DETAIL - CEILING MOUNTED DEVICE

7 NOT TO SCALE



DETAIL - SUSPENDED DECORATIVE CEILING

8 SCALE: 3" = 1'-0"

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S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

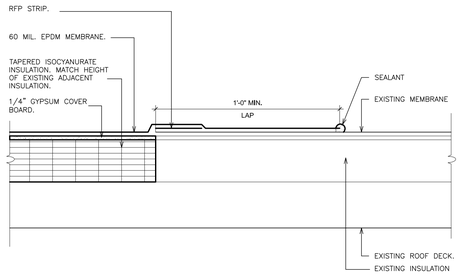
PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
GREENBURGH, NEW YORK
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
CEILING DETAILS, MISC. DETAILS & CEILING DETAILS

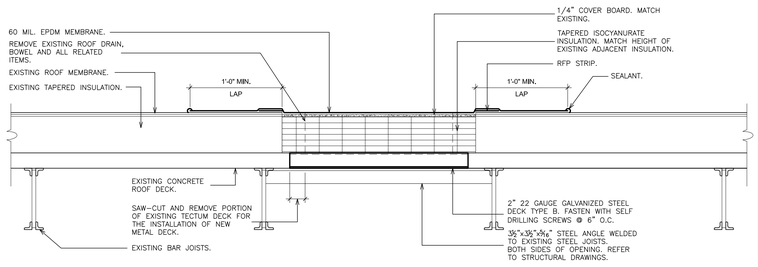
01-06-2023	B I D
DATE	ISSUED TO
SHEET SIZE 30"x42"	DRAWING NO. A501
SCALE AS NOTED	
DRAWN BY F & D	FILE NO. 21434.01

PLOT DATE: January 05, 2023 - 9:16am

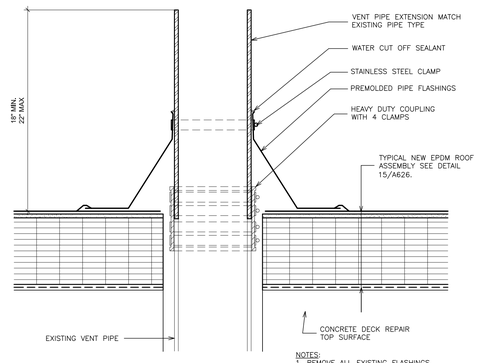
FILE: I:\21434.01 Edgemont Greenville Cafeteria Renovation\DRAWINGS\CURRENT\1-F&D\A500-501.dwg



1 TYPICAL NEW TO EXIST. SPLICE DETAIL (GVES)
SCALE: 3" = 1'-0"



12 DECK INFILL
SCALE: 1 1/2" = 1'-0"



NOTES:
1. REMOVE ALL EXISTING FLASHINGS.
2. REMOVE KENNEDY COUPLINGS AND EXTEND VENT PIPES TO MEET MIN. HEIGHT REQUIREMENT.
3. INSTALL PRE-MOLDED PIPE FLASHINGS WHENEVER POSSIBLE. WHEN PRE-MOLDED PIPE FLASHINGS CANNOT BE INSTALLED USE FIELD WRAPPED FLASHINGS.

3 DETAIL- REVISED VENT PIPE
SCALE: 3" = 1'-0"

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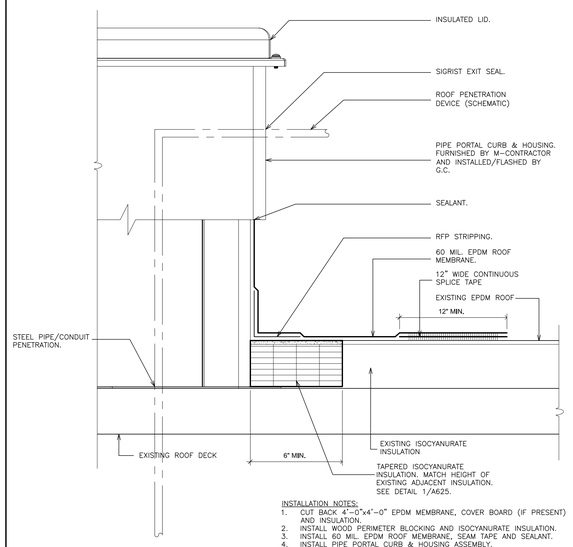
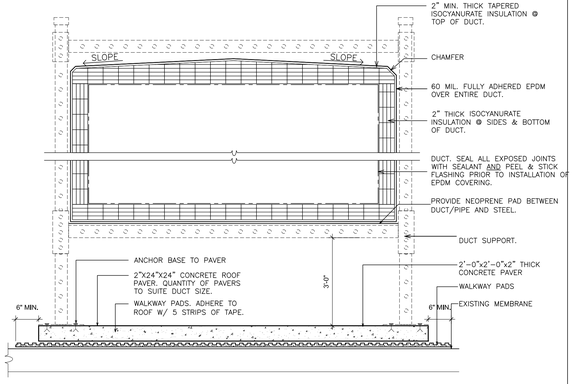
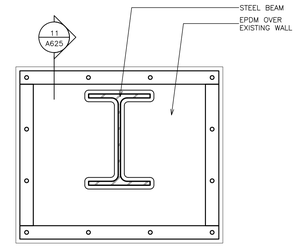


INSTALLATION NOTES:
1. CUT BACK 4'-0"x4'-0" EPDM MEMBRANE, COVER BOARD (IF PRESENT) AND INSULATION.
2. INSTALL WOOD PERIMETER BLOCKING AND ISOCYANURATE INSULATION.
3. INSTALL 60 MIL. EPDM ROOF MEMBRANE, SEAM TAPE AND SEALANT.
4. INSTALL PIPE PORTAL CURB & HOUSING ASSEMBLY.
5. INSTALL STRIPING AND SEALANT.

2 DETAIL- PIPE PORTAL
SCALE: N.T.S.

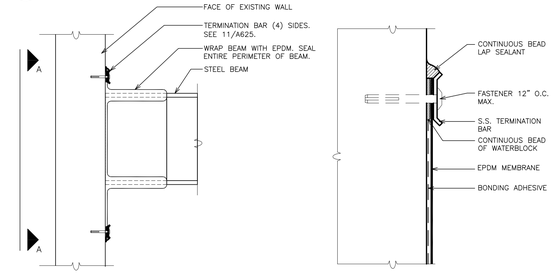


4 DETAIL- DUCT INSULATION & SUPPORT
SCALE: 1 1/2" = 1'-0"

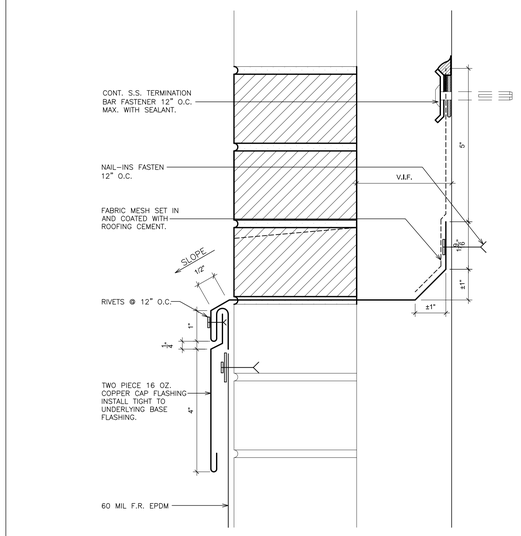


NOTES:
1. TERMINATION BAR MUST BE INSTALLED DIRECTLY TO WALL SURFACE.
2. INSTALL TERMINATION BAR VERTICALLY WHERE BASE FLASHING ENDS AND APPLY LAP SEALANT TO ALL SIDES OF BAR.
3. TERMINATION BAR MUST BE FASTENED 1" MAX. IN FROM END OF ALL SECTIONS.

10 DETAIL - FLASHING BEAM PENETRATION
SCALE: 3" = 1'-0"



11 DETAIL- TERMINATION BAR FLASHING
SCALE: 6" = 1'-0"



6 REVISED CAP FLASHING
SCALE: 6" = 1'-0"

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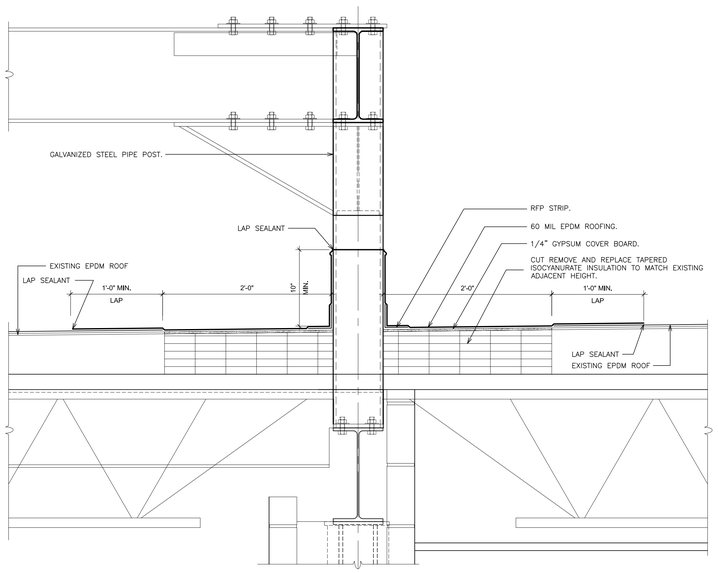
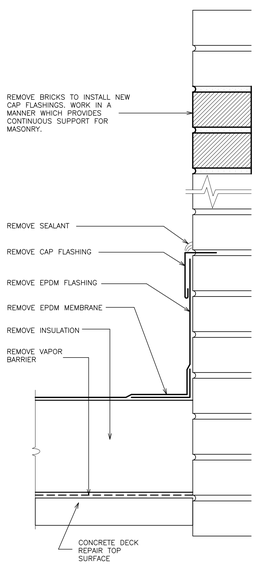
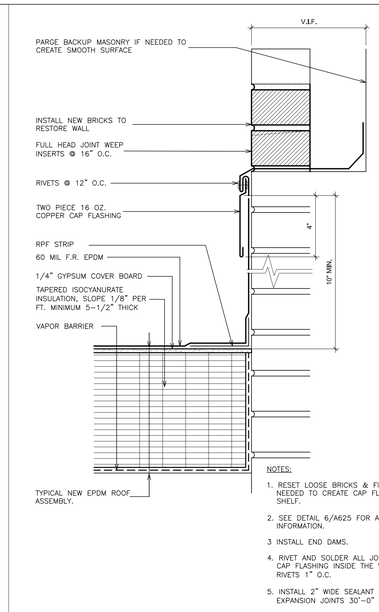


5 DETAIL-POST FLASHING
SCALE: 1 1/2" = 1'-0"

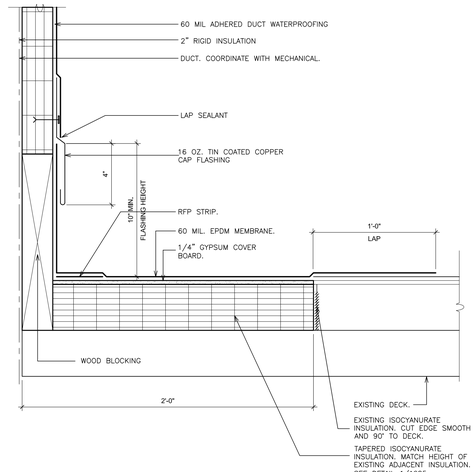


7 DETAIL- EXISTING BASE
SCALE: 3" = 1'-0"



NOTES:
1. RESET LOOSE BRICKS & FILL CAVITY AS NEEDED TO CREATE CAP FLASHING SHELF.
2. SEE DETAIL 6/A625 FOR ADDITIONAL INFORMATION.
3. INSTALL END DAMS.
4. RIVET AND SOLDER ALL JOINTS IN THE CAP FLASHING INSIDE THE WALL. INSTALL RIVETS 1" O.C.
5. INSTALL 2" WIDE SEALANT FILLED EXPANSION JOINTS 30'-0" O.C.

8 DETAIL- REVISED BASE
SCALE: 3" = 1'-0"



9 DETAIL- DUCT CURB
SCALE: N.T.S.

S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
RENOVATION AND RELATED WORK
CAFETERIA RENOVATIONS
PHASE 1 - HVAC & CAFETERIA

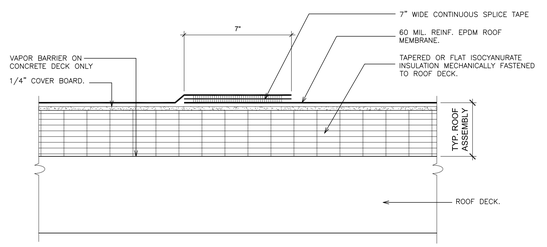
DRAWING TITLE
ROOF DETAILS

01-06-2023	B I D
DATE	ISSUED TO

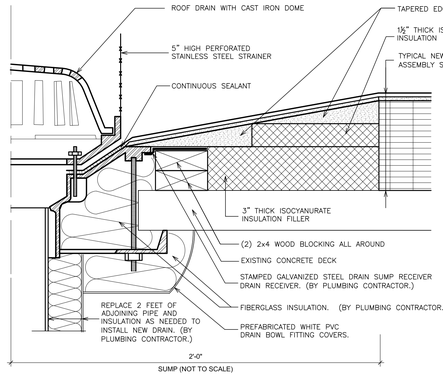
SHEET SIZE 30"x42"	DRAWING NO. A625
SCALE AS NOTED	
DRAWN BY F & D	FILE NO. 21434.01

PLOT DATE: January 05, 2023 - 9:17am

FILE: I:\21434.01 Edgemont Greenville Cafeteria Renovation\DRAWINGS\CURRENT\1-F&D\A625-626-627.dwg

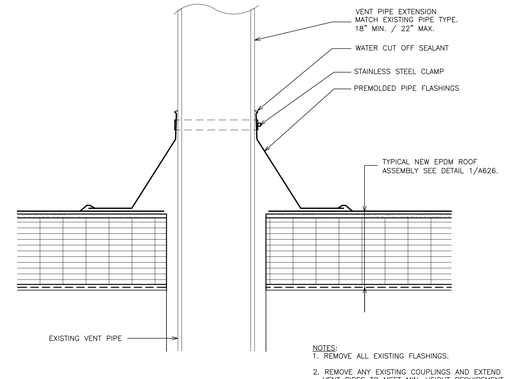


1 DETAIL- TYPICAL ROOF ASSEMBLY (SPES)
SCALE: 3" = 1'-0"



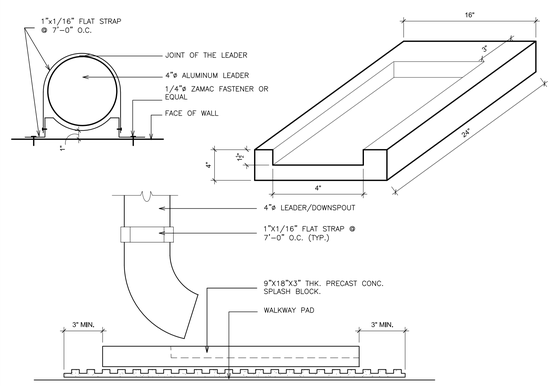
2 DETAIL- REVISED ROOF DRAIN
SCALE: 3" = 1'-0"

NOTES:
1. INSTALL TAPERED EDGE STRIPS & INSULATION FILLERS TO CREATE A MINIMUM 4FT. x 4FT. SQUARE SUMP AT EACH DRAIN.

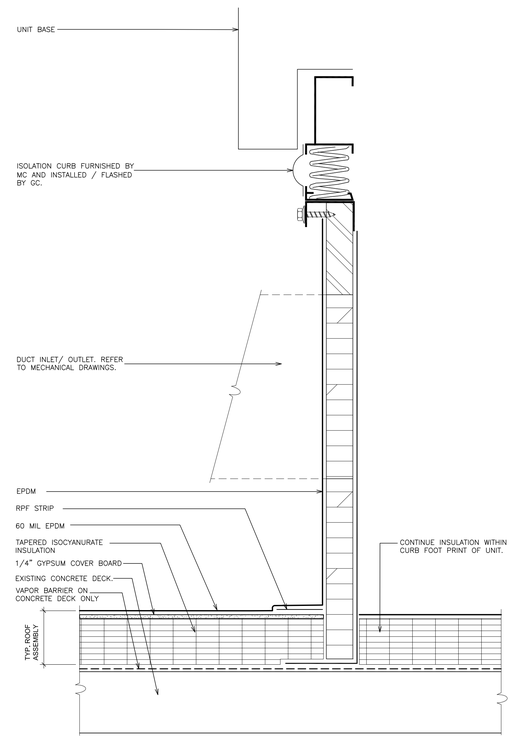


NOTES:
1. REMOVE ALL EXISTING FLASHINGS.
2. REMOVE ANY EXISTING COUPLINGS AND EXTEND VENT PIPES TO MEET MIN. HEIGHT REQUIREMENT.
3. INSTALL PRE-MOLDED PIPE FLASHINGS WHENEVER POSSIBLE. WHEN PRE-MOLDED PIPE FLASHINGS CANNOT BE INSTALLED USE FIELD WRAPPED FLASHINGS.

3 DETAIL- REVISED VENT PIPE
SCALE: 3" = 1'-0"

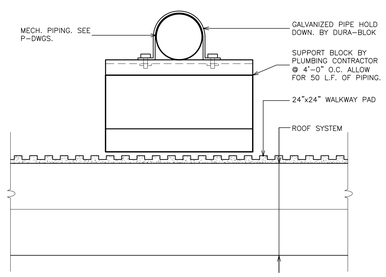


4 DETAIL- LEADER & SPLASH BLOCK
SCALE: 3" = 1'-0"

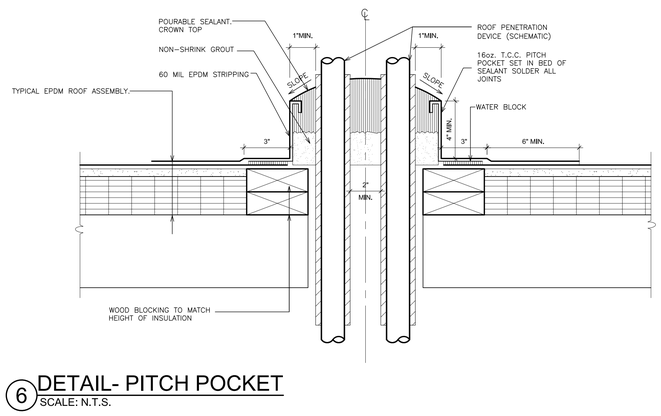


NOTE:
INSTALL CRICKET INSULATION AT UNIT CURB WHERE NECESSARY TO MAINTAIN POSITIVE PITCH FOR DRAINAGE.

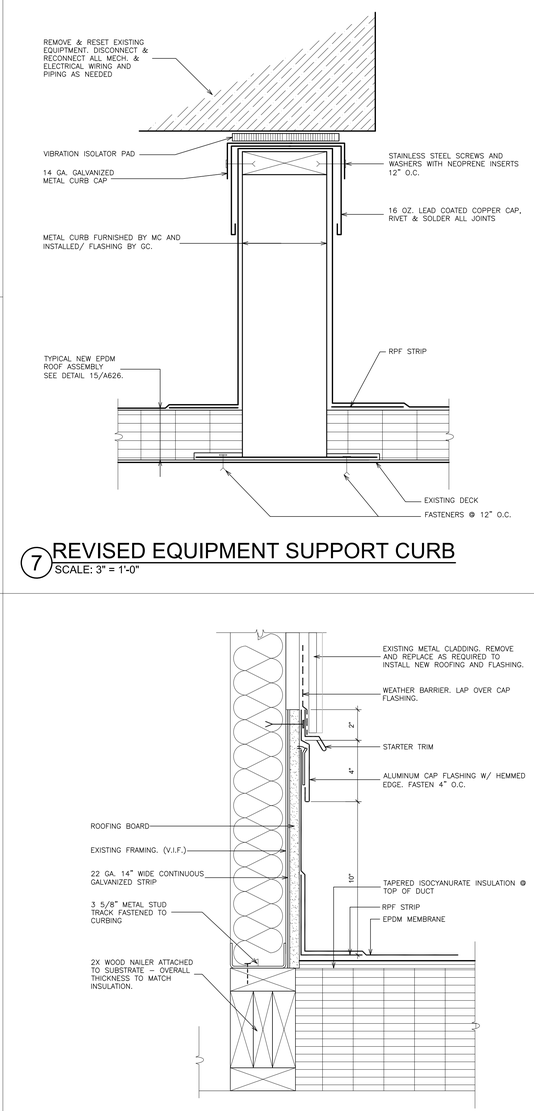
8 MECHANICAL CURB- CONCRETE DECK
SCALE: N.T.S.



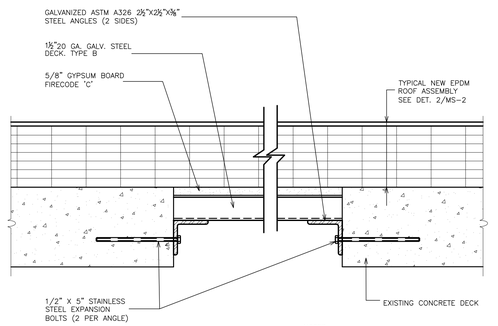
5 PIPE SUPPORT
SCALE: 3" = 1'-0"



6 DETAIL- PITCH POCKET
SCALE: N.T.S.

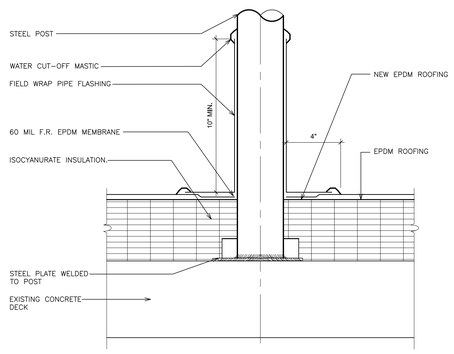


7 REVISED EQUIPMENT SUPPORT CURB
SCALE: 3" = 1'-0"

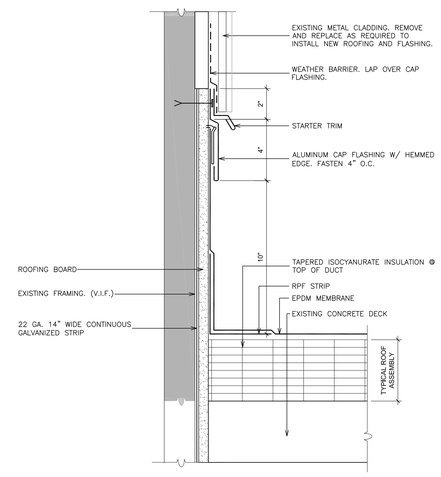


NOTES:
1. REMOVE THE EXISTING CAP, CURB AND RELATED FLASHINGS.
2. FASTEN THE NEW METAL DECK TO THE STEEL ANGLES WITH SELF-DRILLING SCREWS 12" O.C.

9 DECK INFILL
SCALE: 3" = 1'-0"



10 DETAIL - POST FLASHING
SCALE: 3" = 1'-0"



NOTE:
REMOVE EXISTING BASE FLASHING AND METAL TRIM TO ALLOW FOR INSTALLATION ON NEW ROOFING AND FLASHINGS..

11 DETAIL - FLASHING
SCALE: 3" = 1'-0"

12 DETAIL - FLASHING
SCALE: 3" = 1'-0"

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S.E.D. CONTROL NUMBER:
GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

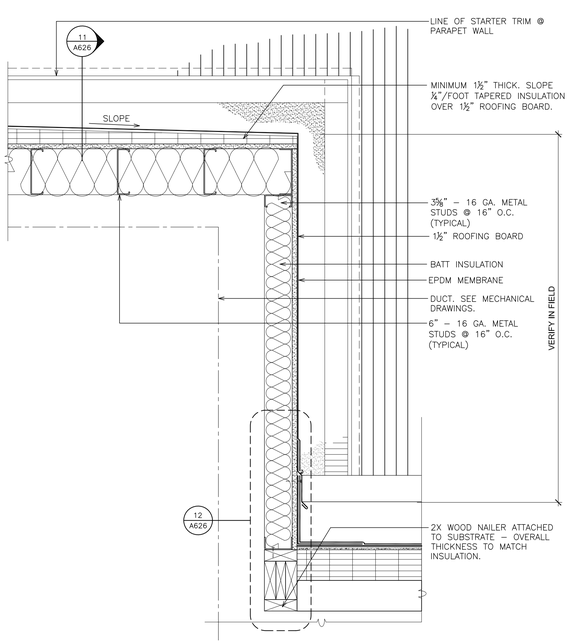
PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
ADDITION AND RENOVATIONS AND RELATED WORK
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
ROOF DETAILS

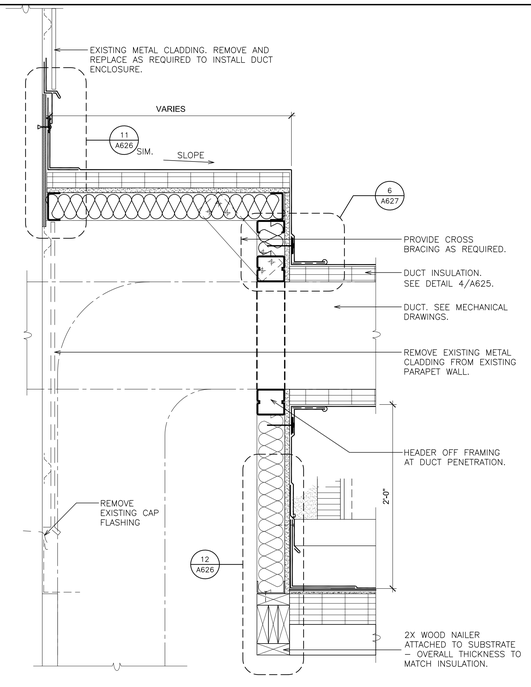
01-06-2023	B I D
DATE	ISSUED TO
SHEET SIZE 30"x42"	DRAWING NO. A626
SCALE AS NOTED	
DRAWN BY F & D	FILE NO. 21434.01

PLOT DATE: January 05, 2023 - 9:17am

FILE: I:\21434.01 Edgemont Greenville Cafeteria Renovation\DRAWINGS\CURRENT\1-F&D\A625-626-627.dwg



1 DETAIL - DUCT ENCLOSURE
SCALE: 1 1/2" = 1'-0"



2 DETAIL - DUCT ENCLOSURE
SCALE: 1 1/2" = 1'-0"

7 DETAIL - WALL MOUNTED HANDRAIL
SCALE: 3" = 1'-0"

HANDRAIL NOTES:

1. ALL EXPOSED EDGES ARE TO BE EASED.
2. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL DIMENSIONS PRIOR TO SHOP DRAWING SUBMITTALS AND FABRICATION.
3. ALL EXPOSED FASTENERS ARE TO BE VANDAL RESISTANT.
4. ALL DISSIMILAR METALS SHALL BE SEPARATED BY A BOND BREAKER TYPE OF MATERIAL.
5. CONTRACTOR IS TO PROVIDE ALL MISCELLANEOUS ITEMS NOT SPECIFICALLY LISTED OR SHOWN BUT REQUIRED FOR A COMPLETE INSTALLATION AS PER APPLICABLE BUILDING CODES AND MANUFACTURE REQUIREMENTS. EXAMPLES INCLUDE, BUT ARE NOT LIMITED TO, END CAPS, CORNER BENDS, SPLICE INSERTS AND FASTENERS.
6. SECURE HANDRAIL WALL BRACKETS AND RETURNS TO HOLLOW CMU PARTITIONS USING 3/8"ø x3" THREADED ROD SET IN HILTI HIT–HY 70 INJECTABLE MORTAR ANCHORING SYSTEM WITH HILTI HIT–SC MESH SLEEVES, OR EQUAL. PRE–DRILL AND CLEAN OUT HOLES, FOLLOW MANUFACTURES RECOMMENDATIONS AND REQUIREMENTS.
7. ALL STEEL COMPONENTS ARE TO BE CONTINUOUSLY WELDED, ALL AROUND, AT ALL POINTS OF CONTACT WITH INTERSECTING AND / OR ADJACENT STEEL PIECES. ALL WELDS ARE TO BE GROUND SMOOTH.
8. ALL STEEL SHALL BE PATCHED, SANDED, CLEANED, PRIMED AND PAINTED AS PER THE FINISH SCHEDULE AND SPECIFICATIONS.

8 DETAIL - HANDRAIL EXTENSION (STAIR)
SCALE: 1" = 1'-0"

3 REVISED SMOKE HATCH
SCALE: 3" = 1'-0"

4 NEW ROOF ACCESS DOOR STAIR
SCALE: N.T.S.

5 REVISED DOOR FLASHING
SCALE: 3" = 1'-0"

6 DETAIL - FLASHING
SCALE: 3" = 1'-0"

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S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-027
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

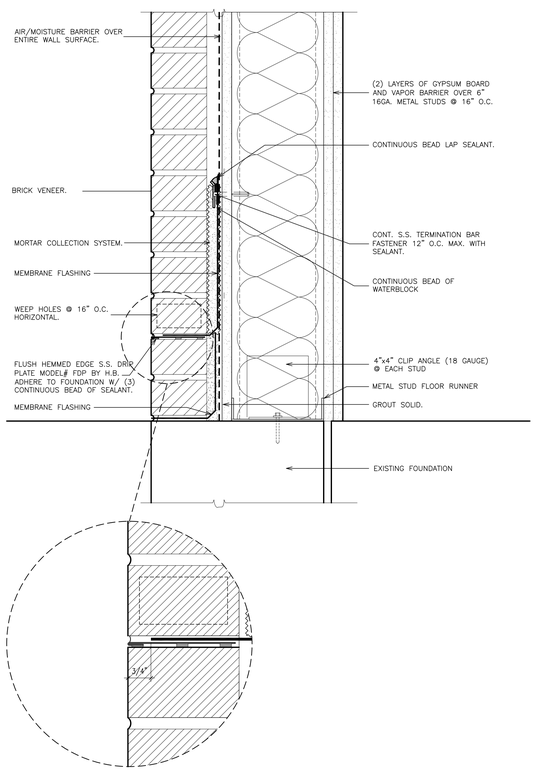
PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
ROOF DETAILS

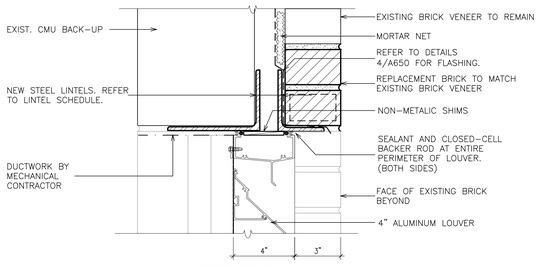
01-06-2023	B I D
DATE	ISSUED TO
SHEET SIZE 30"x42"	DRAWING NO. A627
SCALE AS NOTED	
DRAWN BY F & D	FILE NO. 21434.01

PLOT DATE: January 05, 2023 - 9:18am

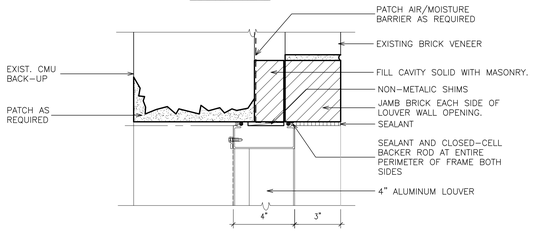
FILE: I:\21434.01 Edgemont Greenville Cafeteria Renovation\DRAWINGS\CURRENT\1-F&D\A625-626-627.dwg



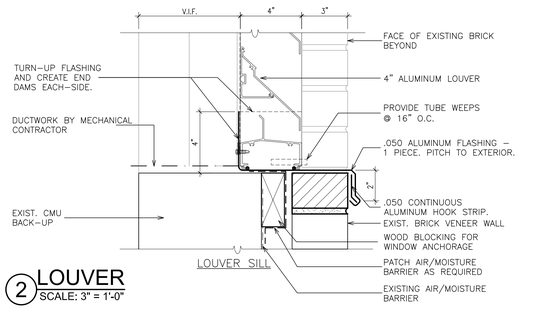
1 DETAIL- BASE WALL FLASHING
SCALE: 3" = 1'-0"



LOUVER HEAD

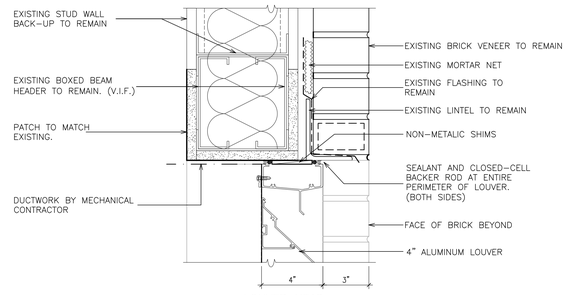


LOUVER JAMB

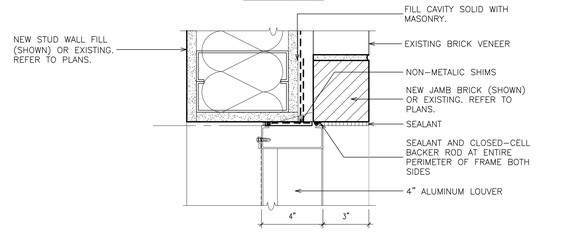


LOUVER SILL

2 LOUVER
SCALE: 3" = 1'-0"



LOUVER HEAD



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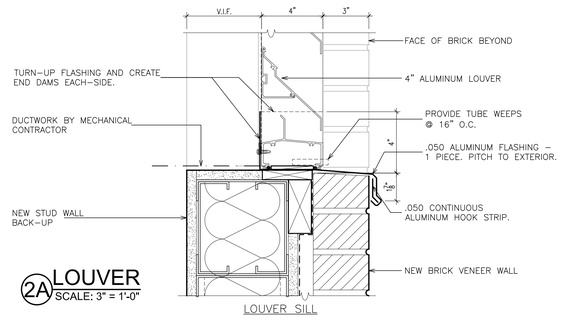


LOUVER SILL

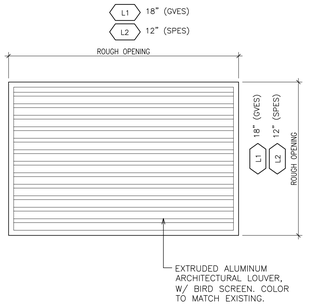
2A LOUVER
SCALE: 3" = 1'-0"

STEEL LINTEL SCHEDULE

MAXIMUM CLEAR MASONRY OPENING	WALL TYPE					
	4"	MIN. BEARING LENGTH ON MASONRY	6"	MIN. BEARING LENGTH ON MASONRY	8",12",16" (FOR EACH 4" WYTHE)	MIN. BEARING LENGTH ON MASONRY
4'-0" OR LESS	L4X3½X5/16(LLV)	6"	⌐4-2-L3X2½X5/16(LLV)	6"	L-3½X3½X5/16(LLV)	6"
4'-0" ~ 6'-0"	L5X3½X5/16(LLV)	6"	⌐4-2-L5X2½X5/16(LLV)	6"	L-4X3½X5/16(LLV)	6"
6'-0" ~ 8'-0"	L6X3½X5/16(LLV)	6"	⌐4-2-L3½X2½X5/16(LLV)	6"	L-5X3½X5/16(LLV)	6"

NOTES:

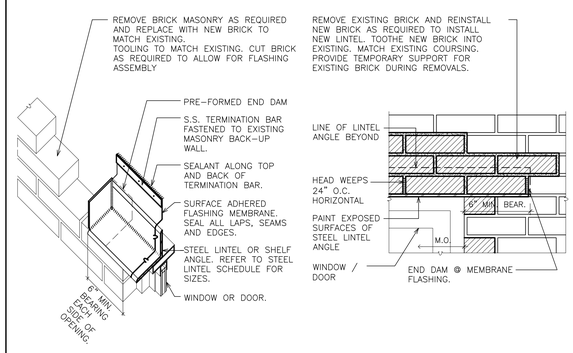
1. ALL LINTELS IN THIS TABLE ARE LOOSE LINTELS BEARING ON MASONRY. ALL BEARING MASONRY MUST BE 100% SOLID BRICK OR BLOCK. HOLLOW MASONRY SHALL BE SOLIDLY GROUTED. UNLESS NOTED OTHERWISE PROVIDE LINTELS IN NON-BEARING WALLS. SEE ARCH. DRAWINGS FOR OPENING LOCATION & DIMENSIONS. ALL OPENINGS 1'-0" OR GREATER REQUIRE LINTELS.
2. ALL LINTELS SHALL BE PRIMED. ALL LINTELS LOCATED IN EXTERIOR WALLS SHALL BE GALVANIZED.
3. IN EXISTING CONSTRUCTION PROVIDE OVERHEAD SUPPORT FOR INSTALLATION OF NEW MASONRY AND LINTEL.
4. SUBMIT SHOP DRAWINGS OF ALL LINTEL ANGLES FOR REVIEW.



LOUVER NOTES:

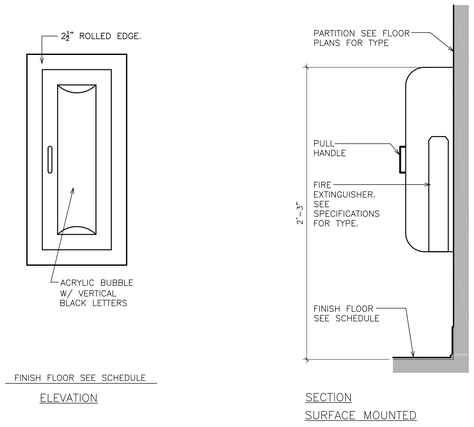
1. VERIFY ROUGH OPENING IN FIELD.
2. PROVIDE WEEP HOLES MIN. 8" O.C. AT BASE/SILL OF LOUVER.
3. ALL FASTENERS SHALL BE STAINLESS STEEL AND ON SECURE SIDE OF BUILDING.
4. SHEET METAL DUCT COLLARS TO BE ATTACHED TO FRAME.
5. PROVIDE 2" THICK INSULATED BLANK-OFF PANELS AT UNUSED PORTION OF LOUVER AS REQUIRED. "MAPESTOP" OR EQUAL.
6. COORDINATE SIZE WITH MECHANICAL CONTRACTOR.
7. SEE 2/A-650 FOR ADDITIONAL INFORMATION.
8. SEE 4/A-650 FOR ADDITIONAL INFORMATION.

3 ELEVATION - LOUVER
SCALE: 1/2" = 1'-0"



4 DETAIL- TYPICAL LINTEL AND END DAM FLASHING
SCALE: 1 1/2" = 1'-0"

NOTES:
1. CABINET TO BE FABRICATED IN ACCORDANCE WITH UBC 43-6 (ASTM E814-88) TO MEASURE FIRE RESISTIVE PERFORMANCE.
2. MOUNTING SHALL COMPLY WITH ADA WALL PROJECTION GUIDELINES.
3. REFER TO FLOOR PLANS FOR LOCATIONS. PLAN DESIGNATION - F.E.



5 DETAIL - FIRE EXTINGUISHER CABINET
SCALE: 1 1/2" = 1'-0"

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S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-006-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
CAFETERIA RENOVATION AND RELATED WORK
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
MISCELLANEOUS DETAILS

01-06-2023	B I D
DATE	ISSUED TO
SHEET SIZE 30"x42"	DRAWING NO. A-650
SCALE AS NOTED	
DRAWN BY F & D	FILE NO. 21434.01

PLOT DATE: January 05, 2023 - 9:19am

FILE: I:\21434.01 Edgemont Greenville Cafeteria Renovation\DRAWINGS\CURRENT\1-F&D\A650.dwg

DOOR SCHEDULE

BUILDING	LEVEL	LINE	DOOR NUMBER	DRAWING NUMBER	ROOM / RM No.	DOOR: DOUBLE LEAF DOOR	DOOR: WIDTH x HEIGHT	DOOR: NEW DOOR	DOOR: EXISTING DOOR	DOOR: DOOR TYPE	DOOR: DOOR MATERIAL	FRAME: FRAME TYPE	FRAME: FRAME MATERIAL	FRAME: DETAIL: HEAD DETAIL	FRAME: DETAIL: JAMB DETAIL	FRAME: DETAIL: SADDLE DETAIL	FIRE RATING (MIN.): 90 MINUTES	FIRE RATING (MIN.): 45 MINUTES	FIRE RATING (MIN.): 0 MINUTES	HARDWARE: FIRE CODE: PANIC RELEASE LATCH	FIRE CODE: POSITIVE LATCHING	FIRE CODE: AUTOMATIC CLOSER	FIRE CODE: E.–M. HOLD – OPEN	GLAZING: FIRE RATED	GLAZING: INSULATED	GLAZING: LAMINATED	GLAZING: SAFETY FILM	DISABLE REQUIREMENTS: LEVER, U–HANDLE	DISABLE REQUIREMENTS: KICK PLATE	DISABLE REQUIREMENTS: TACTILE WARNING	DISABLE REQUIREMENTS: ADA CONFIRMING ACCESSIBLE THRESHOLD	HARDWARE TYPE: MORTISE LOCK SET	HARDWARE TYPE: CYLINDRICAL LOCK SET	HARDWARE TYPE: CYLINDER	HARDWARE TYPE: CORE(S)	FUNCTION: CLASSROOM W/ INTRUDER FUNC.	FUNCTION: CLASSROOM	FUNCTION: OFFICE	FUNCTION: STORE ROOM	FUNCTION: EXIT	FUNCTION: TOILET	FUNCTION: ELECTRONIC TOILET LOCK	MISCELLANEOUS: 180° SWING	MISCELLANEOUS: REMOVABLE MULLION	MISCELLANEOUS: CONTINUOUS HINGE	MISCELLANEOUS: CYLINDER DOGGING	MISCELLANEOUS: RECESS PULL	SECURITY: DOOR CONTACTS	SECURITY: ACCESS CONTROL	HARDWARE SET NO.	REMARKS
DREKMALLE ELEMENTARY SCHOOL	FIRST FLOOR	01	GV100	GVES A151	CAFETERIA 129		4'–0" x 7'–0"	●		D–2	FRP	F–2	AL	H1	J1	S1	–	–	–	●	●	●	–	–	–	–	–	●	–	●	●	–	–	–	–	–	–	–	●	–	●	●	●	–	–	01	1 7 9
		02	GV101	GVES A151	CLOSET	●	5'–6" x 6'–8"	●		D–1	GT	○	HM	○	○	○	–	–	–	–	●	–	–	–	–	–	–	●	●	●	○	–	●	–	–	–	–	–	●	–	●	–	–	–	02	2 3 4
		03																																												
		04																																												
SEELY PLACE ELEMENTARY SCHOOL	BASEMENT	05	SP100	SPES A150	STAIR No.1		3'–0" x 6'–8"	●		D–3	FRP	F–1	AL	H2	J2	S1	–	–	–	●	●	–	–	–	–	–	–	–	●	–	●	●	–	–	–	–	–	–	–	●	–	●	●	●	–	●	01	1 7 8 9
		06	SP101	SPES A150	STORAGE		3'–0" x 6'–8"	●		D–1	GT	F–1	HM	H3	J3	○	–	–	–	–	●	–	–	–	–	–	–	●	●	–	○	–	●	–	–	–	–	–	●	–	●	–	–	–	03	5
		07	SP102	SPES A150	JANITOR CLOSET		3'–0" x 6'–8"	●		D–1	GT	F–1	HM	H3	J3	○	–	–	–	–	●	–	–	–	–	–	–	●	●	–	○	–	●	–	–	–	–	–	●	–	●	–	–	–	03	5
		08	SP103	SPES A151	ROOF		3'–0" x 6'–0"	●		D–2	FRP	F–1	AL	H2	J2	–	–	–	–	–	●	–	–	–	–	–	–	●	●	–	–	–	●	–	–	–	–	–	●	–	●	●	●	–	–	04	4 6

● INDICATES REQUIRED WORK

○ INDICATES EXISTING

W FRAMED WITH WINDOW SYSTEM

FRP FIBERGLASS REINFORCED POLYESTER

AL ALUMINUM

HM HOLLOW METAL

WD WOOD

GT WOOD GRAIN STEEL

SLT STEEL

SD SEE DRAWINGS

E EXISTING

GENERAL DOOR NOTES:

1. DOOR HARDWARE SHALL COMPLY TO ALL APPLICABLE HANDICAPPED CODES. CLOSERS SHALL COMPLY TO STANDARDS REGARDING CLOSING SPEED AND OPENING FORCE.
2. ALL DOOR AND FRAME SIZES SHALL BE FIELD VERIFIED.
3. THERE SHALL BE NO PROJECTIONS BETWEEN 34" AND 80" ABOVE THE FLOOR OR GROUND. PROJECTIONS BETWEEN 34" AND 80" ABOVE THE FLOOR OR GROUND SHALL NOT EXCEED 4".
4. REFER TO SPECIFICATIONS FOR DOOR HARDWARE SETS.
5. THE BOTTOM OF ALL DOOR VISION LITES SHALL BE A MAXIMUM OF 43" ABOVE THE FINISHED FLOOR.
6. THE DOOR SURFACE WITHIN 10" OF THE FLOOR MEASURED VERTICALLY SHALL BE A SMOOTH SURFACE ON THE PUSH SIDE EXTENDING FULL WIDTH OF DOOR.
7. ALL EXTERIOR DOORS AND AREAS ADJACENT TO DOORS TO HAVE 1" INSULATING SAFETY LAMINATED GLASS. (UNLESS NOTED OTHERWISE)
8. COORDINATE ALL REMOVALS WITH ABATEMENT DOCUMENTS.
9. CONTRACTOR TO FILL/PATCH ANY OLD HARDWARE PREPARATIONS IN EXISTING FRAMES THAT WILL NO LONGER BE USED WITH NEW HARDWARE. WELDED FILLER PLATES, HOLE PLATES, ETC. BY DON–JO MFG. OR EQUAL. CONTRACTOR IS RESPONSIBLE FOR ANY NEW MORTISES/HARDWARE PREPARATION TO EXISTING FRAME TO ACCOMMODATE NEW DOOR AND HARDWARE.
9. FIRE RATED DOORS SHALL COMPLY WITH NFPA 80, PROVIDE UL LABELS.
10. REFER TO SPECIFICATIONS FOR GLAZING TYPE FOR VISION PANELS. "ALL INTERIOR GLAZING SIZES AND TYPES ARE TO COMPLY WITH NFPA 80 AND/ OR ASTME–119".
11. ALL GLAZING IN FIRE RATED DOOR SHALL BE LABELED GLASS. REFER TO SPECIFICATIONS. "ALL INTERIOR GLAZING SIZES AND TYPES ARE TO COMPLY WITH NFPA 80 AND/ OR ASTME–119".
12. PROVIDE SILICONE SEALANT AROUND ALL NEW DOOR LIGHTS.
13. NEW H.M. DOOR FRAMES TO BE PAINTED (BOTH SIDES).
14. NEW H.M. DOOR FRAMES TO RECEIVE RESILIENT RUBBER SILENCERS.

DOOR SCHEDULE REMARKS:

1. DOOR MANUFACTURERS ADA COMPLIANT RECESSED DOOR PULL.
2. PROVIDE LOUVER IN DOOR.
3. PROVIDE HINGE FILLER PLATES.
4. FIELD VERIFY DOOR SIZE
5. ¾" UNDERCUT.
6. SEE DETAIL 5/A627.
7. NIGHT LATCH RETRACTION.
8. FRP DOOR – WOOD GRAIN.
9. SEE DETAIL A1/A700 FOR ACCESS CONTROL REQUIREMENTS.

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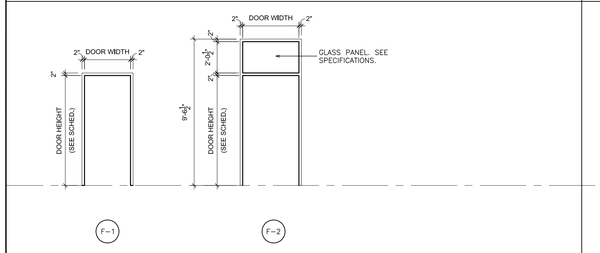
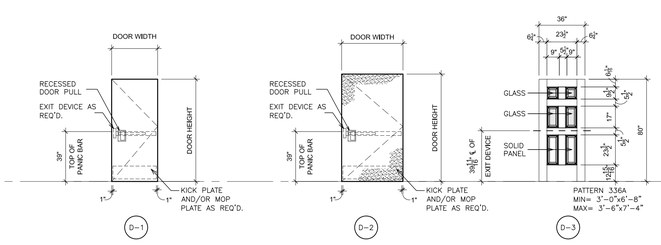
FRAME TYPES SCALE: 1/4"=1'–0"

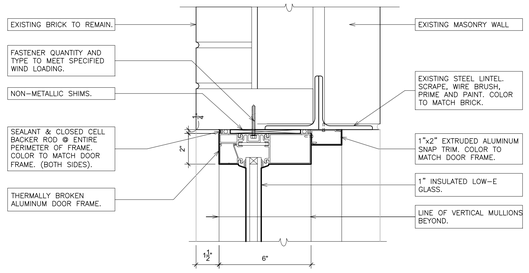


DOOR TYPES SCALE: 1/4"=1'–0"

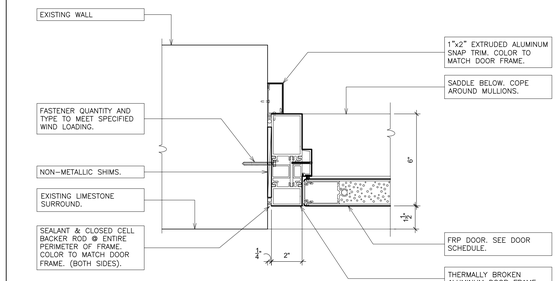


DOOR NOTES:

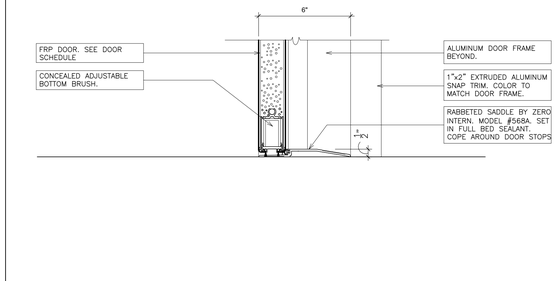
1. THERE SHOULD BE NO PROJECTIONS FROM FACE OF DOOR LOWER THAN 34" ABOVE THE FLOOR OR GROUND. PROJECTIONS BETWEEN 34" AND 80" ABOVE THE FLOOR OR GROUND SHALL NOT EXCEED 4".
2. FIRE RATED GLASS AT ALL RATED DOORS AND PANELS IN RATED WALLS.
3. PROVIDE OFFSET JAMB ANCHORS AS REQUIRED TO ANCHOR TO SOLID BACK–UP MATERIAL.



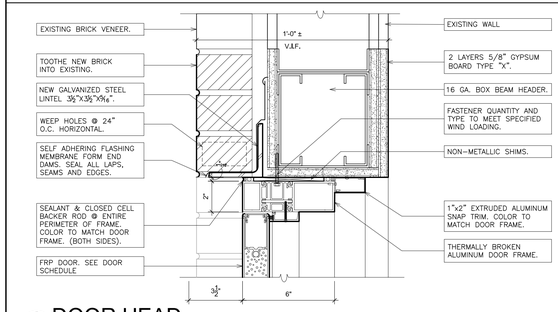
H1 DOOR HEAD
SCALE: 3" = 1'–0"



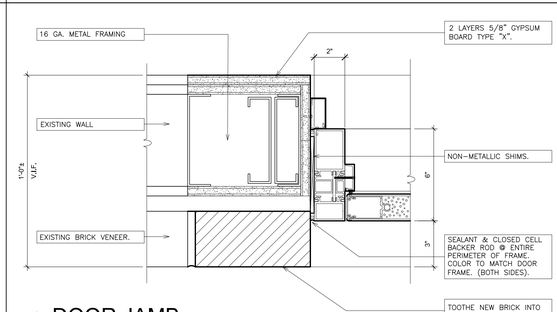
J1 DOOR JAMB
SCALE: 3" = 1'–0"



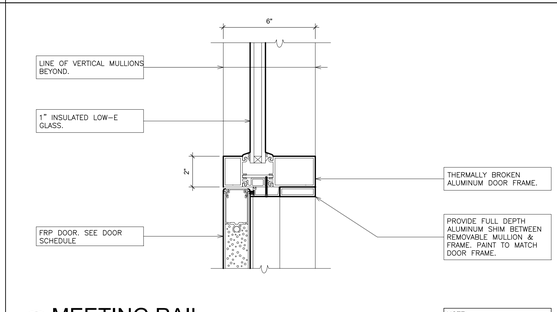
S1 DOOR SILL
SCALE: 3" = 1'–0"



H2 DOOR HEAD
SCALE: 3" = 1'–0"

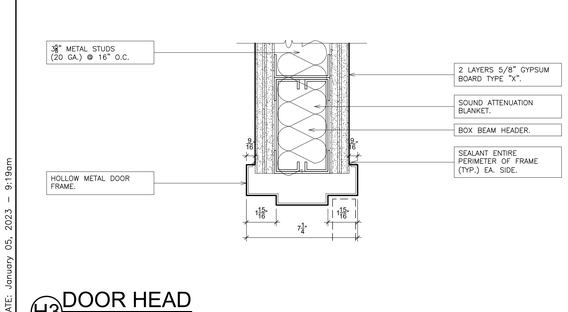


J2 DOOR JAMB
SCALE: 3" = 1'–0"

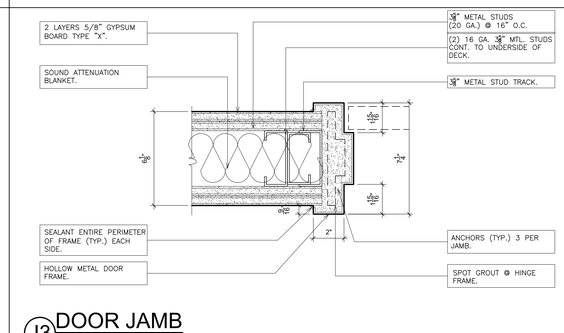


NOTE:
TAP & DIE FASTENERS ONLY. ZIP SCREWS ARE NOT ACCEPTABLE.

M1 MEETING RAIL
SCALE: 3" = 1'–0"

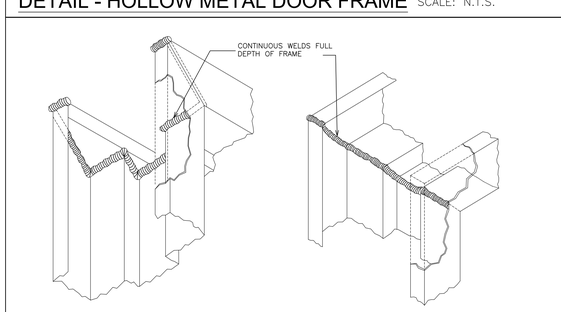


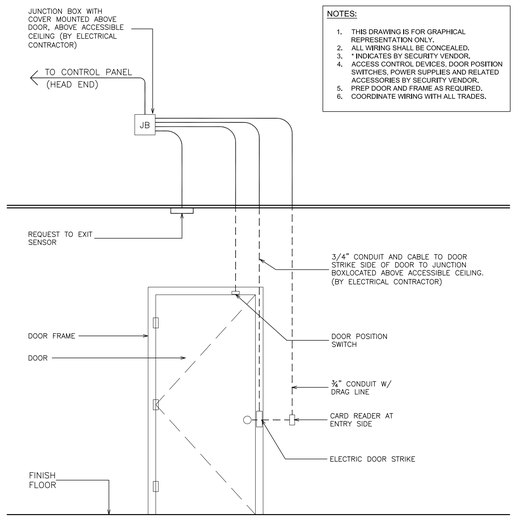
H3 DOOR HEAD
SCALE: 3" = 1'–0"



J3 DOOR JAMB
SCALE: 3" = 1'–0"

DETAIL - HOLLOW METAL DOOR FRAME SCALE: N.T.S.





NOTES:
1. THIS DRAWING IS FOR GRAPHICAL REPRESENTATION ONLY.
2. ALL WIRING SHALL BE CONCEALED.
3. * INDICATES BY SECURITY VENDOR.
4. ACCESS CONTROL DEVICES, DOOR POSITION SWITCHES, POWER SUPPLIES AND RELATED ACCESSORIES BY SECURITY VENDOR.
5. PREP DOOR AND FRAME AS REQUIRED.
6. COORDINATE WIRING WITH ALL TRADES.

SINGLE DOOR CONFIGURATION

A1 TYPICAL DOOR ACCESS CONTROL
SCALE: N.T.S.

FULLER D'ANGELO P.C. ARCHITECTS PLANNERS
48 KHOLLWOOD ROAD ELMSFORD NEW YORK 10523
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WWW.FULLERDANGELO.COM

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S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

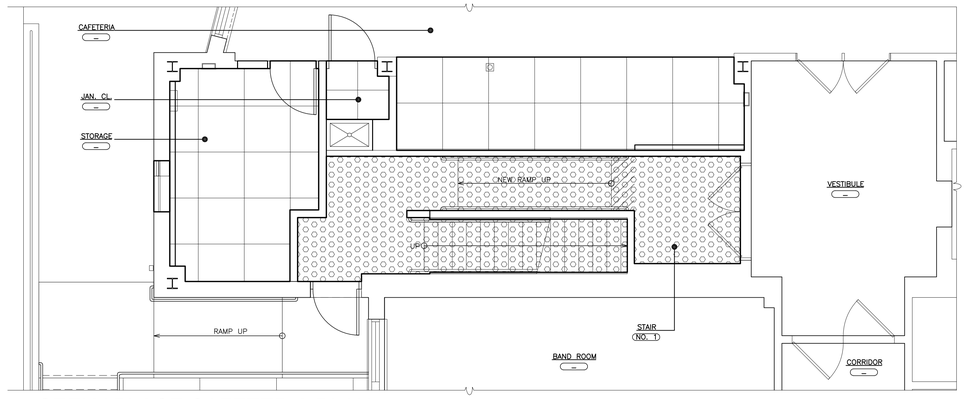
PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
ADDITION AND RELATED ALTERATIONS
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
DOOR SCHEDULE, DETAILS

01-06-2023	B I D
DATE	ISSUED TO
SHEET SIZE 30"x42"	DRAWING NO. A700
SCALE AS NOTED	
DRAWN BY F & D	FILE NO. 21434.01

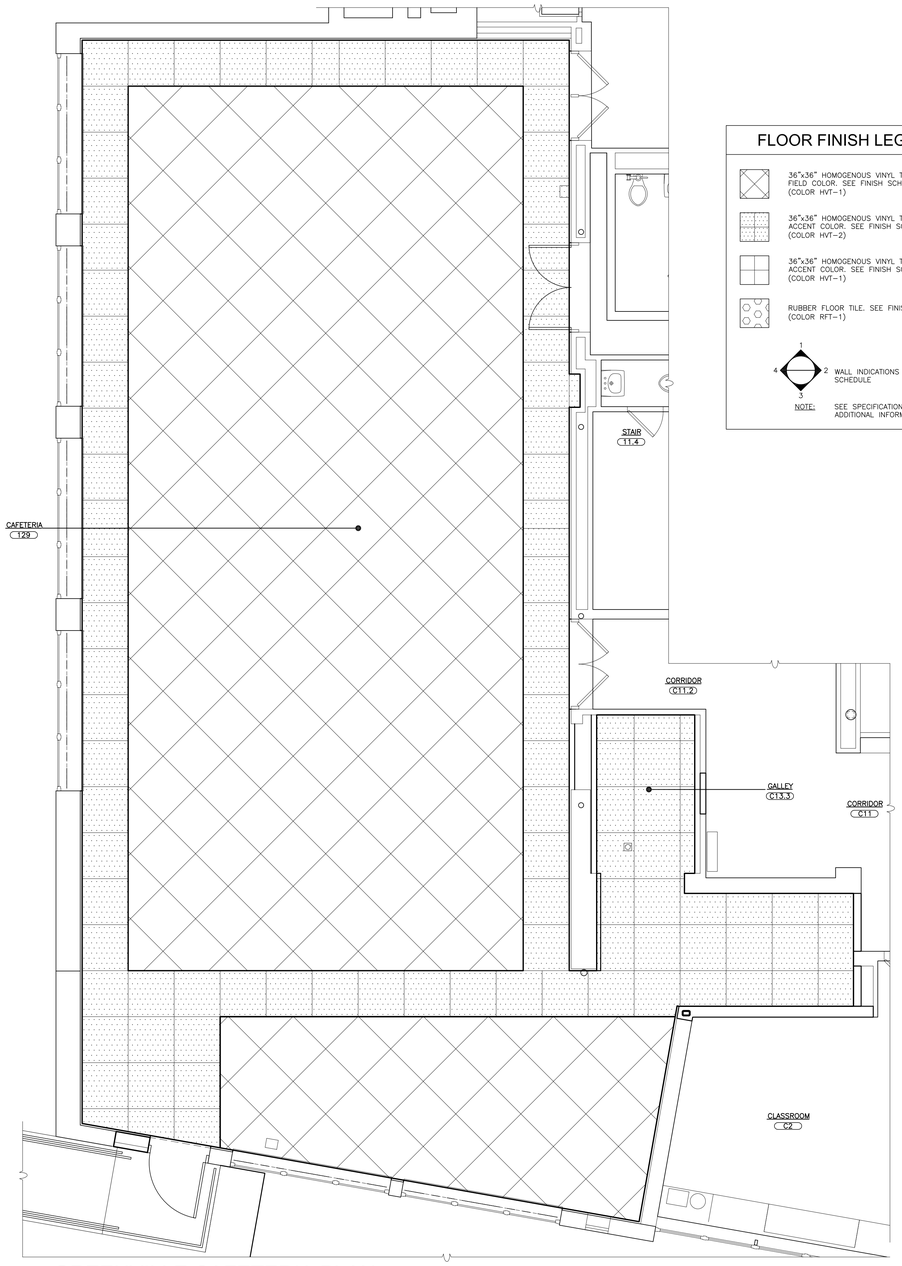
PLOT DATE: January 05, 2023 - 9:19am

FILE: I:\21434.01 Edgemont Greenville Cafeteria Renovation\DRAWINGS\CURRENT\1–F&D\A700.dwg



2 SEELY PLACE CAFETERIA PLAN
SCALE: 1/4" = 1'-0"

0 2' 4' 8' 16'



1 GREENVILLE CAFETERIA PLAN
SCALE: 1/4" = 1'-0"

0 2' 4' 8' 16'

FLOOR FINISH LEGEND

- 36"x36" HOMOGENOUS VINYL TILE FLOORING FIELD COLOR. SEE FINISH SCHEDULE. (COLOR HVT–1)
- 36"x36" HOMOGENOUS VINYL TILE FLOORING ACCENT COLOR. SEE FINISH SCHEDULE. (COLOR HVT–2)
- 36"x36" HOMOGENOUS VINYL TILE FLOORING ACCENT COLOR. SEE FINISH SCHEDULE. (COLOR HVT–1)
- RUBBER FLOOR TILE. SEE FINISH SCHEDULE. (COLOR RFT–1)

1 / 2 / 3 / 4 WALL INDICATIONS ON FINISH SCHEDULE

NOTE: SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION

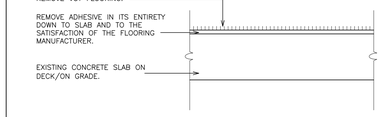
FINISH SCHEDULE

1 / 2 / 3 / 4 WALL INDICATIONS ON PLAN

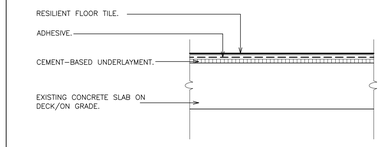
LEVEL	LINE	DESIGNATION	FLOOR	BASE (MAT.)	WALL 1	WALL 2	WALL 3	WALL 4	CLG.	TRIM DOORS	TRIM DOOR FRAMES	CASEWORK CABINETS	CASEWORK COUNTER TOPS	CASEWORK EDGING	REMARKS
GREENVILLE ELEMENTARY SCHOOL	01	CAFETERIA 129	HVT–1&2	RB–1	GLT–1,2 CT–1,2,3,4,5 P–1/LP	GLT–1,2 P–1	GLT–1,2 CT–1,2,3,4,5 P–1	GLT–1,2 CT–1,2,3,4,5 P–1/LP	ACT–1	–	PT–3&4	–	–	–	COT–1 AT WINDOW STOOLS. SEE 7/A800.
	02	KITCHEN GALLEY C13.3	HVT–1&2	RB–1	GLT–1,2 P–1	GLT–1,2 P–1	GLT–1,2 P–1	GLT–1,2 P–1	ACT–1	–	PT–3&4	–	–	–	COT–1 AT WINDOW STOOLS. SEE 7/A800.
	03	CLASSROOM C2	–	–	P–1	P–1	P–1	P–1	ACT–2	–	PT–3&4	–	–	–	
	04	CORRIDOR C11.2	–	–	P–1	P–1	P–1	P–1	ACT–2	–	–	–	–	–	
	05														
SEELY PLACE ELEMENTARY SCHOOL	06	SERVING	HVT–1&2	RB–1	GLT–1,2 P–1	GLT–1,2 P–1	GLT–1,2 P–1	GLT–1,2 P–1	–	–	PT–3&4	–	–	–	SEE 7/A800
	07	STORAGE	HVT–1&2	RB–1	GLT–1,2 P–1	GLT–1,2 P–1	GLT–1,2 P–1	GLT–1,2 P–1	ACT–1	–	PT–3&4	–	–	–	SEE 7/A800
	08	JANITOR CLOSET	HVT–1&2	RB–1	GLT–1,2 P–1	GLT–1,2 P–1	GLT–1,2 P–1	GLT–1,2 P–1	ACT–1	–	PT–3&4	–	–	–	SEE 7/A800
	09	STAIR No. 1	RFT–1 / RFT–2	RB–1	P–1	P–1	P–1	P–1	ACT–1	–	PT–3&4	–	–	–	RFT–2 STAIR RUN TO FIRST FLOOR
	10	CAFETERIA	–	–	–	–	–	–	–	–	–	–	–	–	SEE DETAIL 9/A500 FOR FLOOR PATCHING.

FINISH SCHEDULE LEGEND

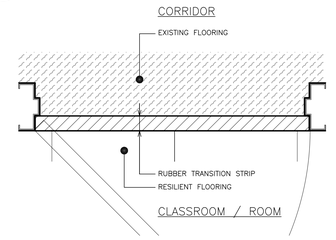
LEGEND	SIZE	MANUFACTURER	SERIES/MODEL NO./ COLOR	DESCRIPTION	LOCATION / REMARKS
P–1	–	SHERWIN WILLIAMS	SW 7036 / ACCESSIBLE BEIGE	EGGSHELL PAINT	WALLS
P–2	–	SHERWIN WILLIAMS	SW 7757 / HIGH REFLECTIVE WHITE	FLAT PAINT	SOFFITS & CEILINGS
P–3	–	SHERWIN WILLIAMS	COLOR TO BE SELECTED BY ARCHITECT	SEMI–GLOSS DOOR FRAMES	CORRIDOR SIDE DOOR FRAMES
P–4	–	SHERWIN WILLIAMS	SW 6044 / OTTER	SEMI–GLOSS DOOR FRAMES	ROOM SIDE DOOR FRAMES
ACT–1	2'x2'x⅝"	ROCKFON	HYGIENIC PLUS / 31100 /LAY–IN	ACOUSTICAL CEILING TILE	CAFETERIA, GALLEY
ACT–2	2'x2'x⅝"	ROCKFON	ALASKA / 10100 /LAY–IN	ACOUSTICAL CEILING TILE	CLASSROOM, CORRIDOR
CT–1	3"x6"	DALTILE	CLASSIC/BISCUIT K175	GLAZED CERAMIC WALL TILE	MAIN COLOR. SEE ELEVATION.
CT–2	3"x6"	DALTILE	CLASSIC/MUSTARD 1012	GLAZED CERAMIC WALL TILE	ACCENT COLOR. SEE ELEVATION.
CT–3	3"x6"	DALTILE	CLASSIC/CURRANT SH17	GLAZED CERAMIC WALL TILE	ACCENT COLOR. SEE ELEVATION.
CT–4	3"x6"	DALTILE	CLASSIC/ORANGE BURST 1097	GLAZED CERAMIC WALL TILE	ACCENT COLOR. SEE ELEVATION.
CT–5	3"x6"	DALTILE	CLASSIC/CORNSILK 0160	GLAZED CERAMIC WALL TILE	ACCENT COLOR SEE ELEVATION.
GLT–1	6"x18"	DALTILE	URBAN PUTTY 0161	GLAZED CERAMIC WALL TILE	GLOSSY. SEE ELEVATION.
GLT–2	6"x18"	DALTILE	URBAN PUTTY 0761	GLAZED CERAMIC WALL TILE	MATTE. SEE ELEVATION.
COT–1	–	CORIAN	DOESKIN	SOLID SURFACE WINDOW STOOL	WINDOW STOOL
WS	–	PATCRAFT	WELD ROD COLOR	SEAM WELD	
HVT–1	36"x36"	PATCRAFT	ADMIX/ 00100 WHITE CORAL	HOMOGENEOUS TILE	FIELD COLOR
HVT–2	36"x36"	PATCRAFT	ADMIX/ 00120 SEA STAR	HOMOGENEOUS TILE	ACCENT/BORDER COLOR
RFT–1	–	C.I.TAKIRON	NATTICE / 833 AUTUMN FOG	RUBBER FLOOR TILE RAMP	
RFT–2	–	C.I.TAKIRON	STAIR TREADS / 833–8WN AUTUMN FOG		STAIR TREADS AND RISER
WP–1	–	P.S.I.	D439–60 / WALLABY	PLASTIC LAMINATED WALL PANEL	CAFETERIA – MAIN COLOR
WP–2	–	P.S.I.	D307–6 / HOLLY BERRY	PLASTIC LAMINATED WALL PANEL	CAFETERIA – ACCENT COLOR
WP–3	–	P.S.I.	D501–6 / ORANGE GROVE	PLASTIC LAMINATED WALL PANEL	CAFETERIA – ACCENT COLOR
WP–4	–	P.S.I.	D417–18 / LAPIS BLUE	PLASTIC LAMINATED WALL PANEL	CAFETERIA – ACCENT COLOR
RB–1	4"	JOHNSONITE	80 / FAWN	RUBBER BASE	
RBT–1	–	JOHNSONITE	80 / FAWN	RUBBER TRANSITION STRIP	



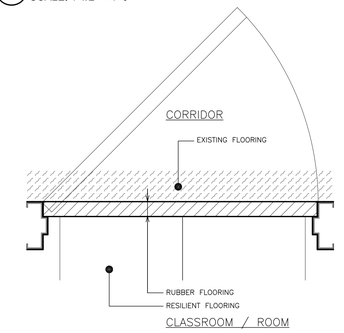
3 EXISTING FLOOR ASSEMBLY
SCALE: 1 1/2" = 1'-0"



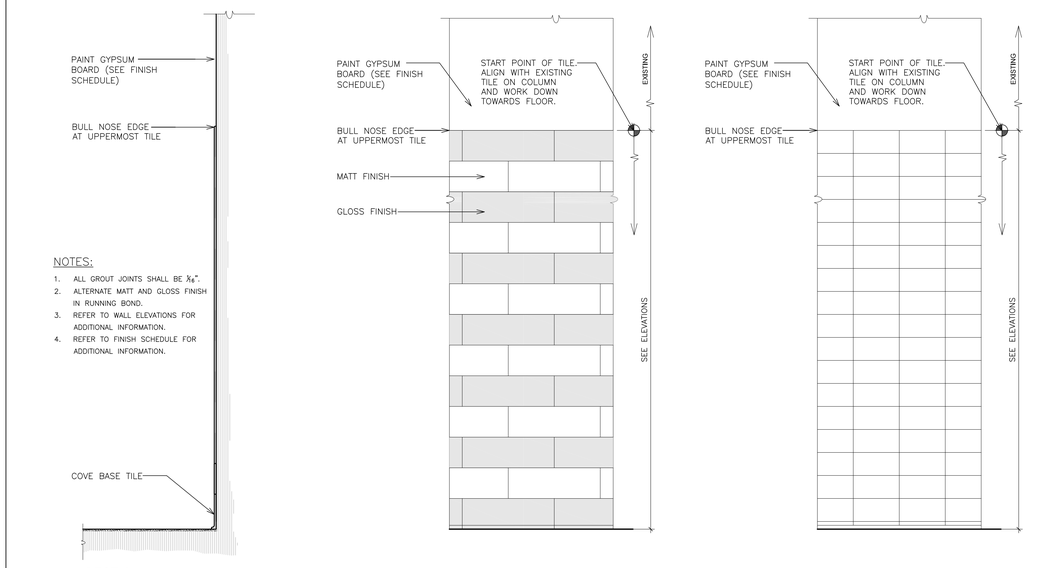
4 REVISED FLOOR ASSEMBLY
SCALE: 1 1/2" = 1'-0"



5 TYPICAL DETAIL- EXIST. FLOOR TO RESILIENT FLOOR TRANSITION
SCALE: 1 1/2" = 1'-0"



6 TYPICAL DETAIL- EXIST. FLOOR TO RESILIENT FLOOR TRANSITION
SCALE: 1 1/2" = 1'-0"



NOTES:
1. ALL GROUT JOINTS SHALL BE $\frac{1}{16}$".
2. ALTERNATE MATT AND GLOSS FINISH IN RUNNING BOND.
3. REFER TO WALL ELEVATIONS FOR ADDITIONAL INFORMATION.
4. REFER TO FINISH SCHEDULE FOR ADDITIONAL INFORMATION.

SECTION | PART ELEVATION (GLT AT SEELY) | PART ELEVATION (CT AT GVES)

7 TILE DETAIL - WALLS (TYP.)
NOT TO SCALE

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S.E.D. CONTROL NUMBER:
GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
CAFETERIA RENOVATION AND RELATED WORK
SEELY PLACE ELEMENTARY SCHOOL
PHASE 1 - HVAC & CAFETERIA

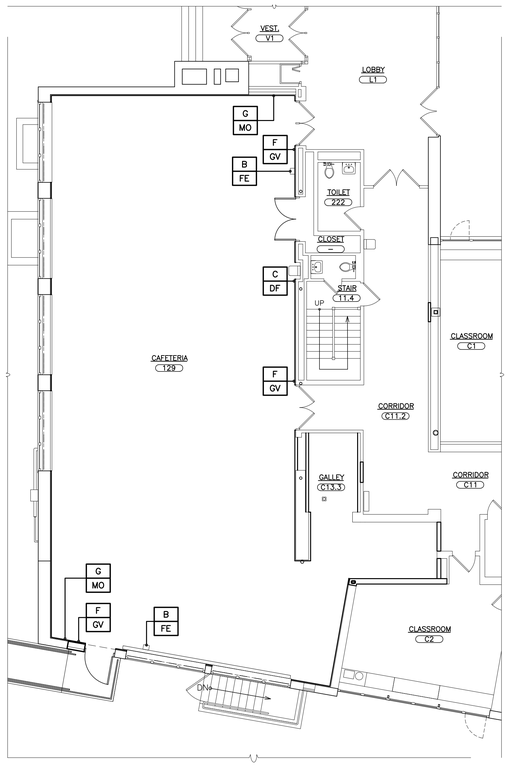
DRAWING TITLE
FINISH FLOOR PLANS
FINISH SCHEDULE, FINISH SCHEDULE, AND WORK/SCOPE NOTES

DATE	ISSUED TO
01-06-2023	B I D

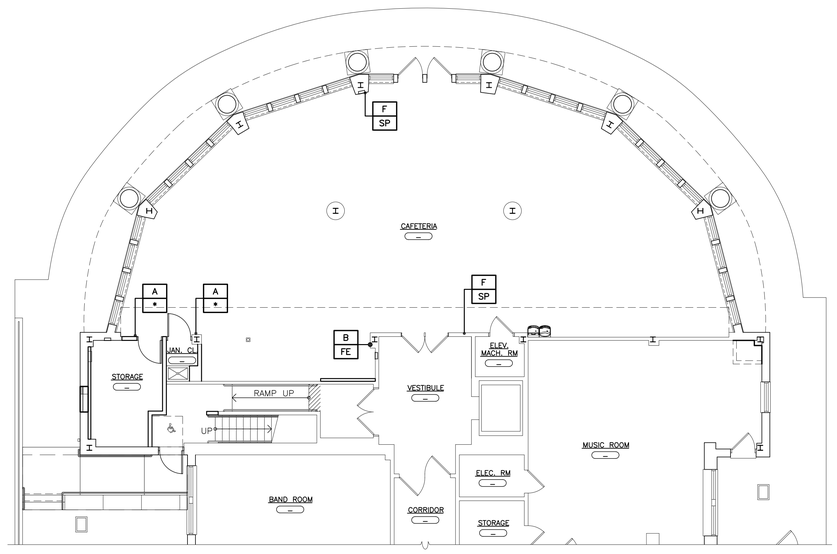
SHEET SIZE 30"x42" | DRAWING NO. A800
SCALE AS NOTED
DRAWN BY F & D | FILE NO. 21434.01

PLOT DATE: January 05, 2023 – 8:58am

FILE: I:\21434.01 Edgemont Greenville Cafeteria Renovation\DRAWINGS\CURRENT\1–F&D\A800.dwg



GREENVILLE ELEMENTARY SCHOOL
CAFETERIA PLAN
1 SCALE: 1/8" = 1'-0"

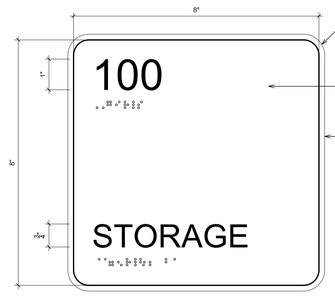


SEELY PLACE ELEMENTARY SCHOOL
CAFETERIA PLAN
2 SCALE: 1/8" = 1'-0"

SIGNAGE LEGEND

A — INDICATES SIGN TYPE A INDICATES LOCATION OF SIGN NUMERICAL CLASSROOM SIGN DENOTES ROOM NUMBER TO BE PLACED ON SIGN	C — INDICATES SIGN TYPE C INDICATES LOCATION OF SIGN GRAPHIC SIGN SIGN DESCRIPTOR
B — INDICATES SIGN TYPE B INDICATES LOCATION OF SIGN ROOM FUNCTION SIGN SIGN DESCRIPTOR	D — INDICATES SIGN TYPE D INDICATES LOCATION OF SIGN SPECIALTY SIGN SIGN DESCRIPTOR

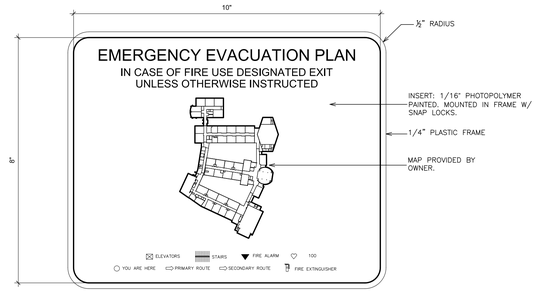
SIGN TYPES: SCALE: N.T.S.



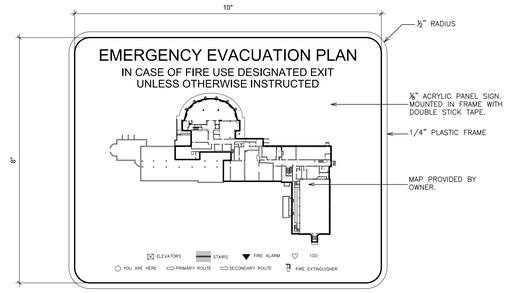
SPACE NAME
SIGN TYPE A
(PLAN DESIGNATION *)

FIRE EXTINGUISHER
SIGN TYPE B
PLAN DESIGNATION (FE)

FOUNTAIN
SIGN TYPE C
PLAN DESIGNATION (DF)



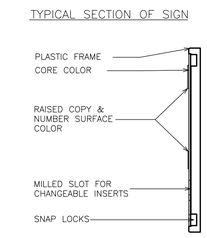
EMERGENCY EVACUATION PLAN
SIGN TYPE F
(PLAN DESIGNATION GV)



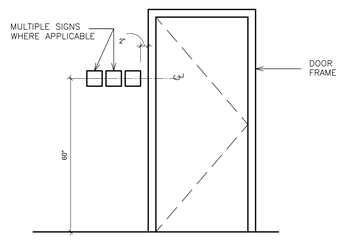
EMERGENCY EVACUATION PLAN
SIGN TYPE F
(PLAN DESIGNATION SP)

MAXIMUM OCCUPANCY
SIGN TYPE G
PLAN DESIGNATION (MO)

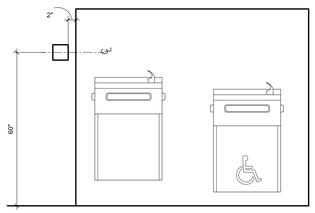
SIGNAGE MOUNTING LOCATIONS: NOT TO SCALE



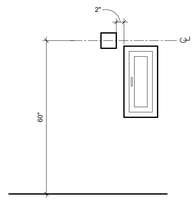
SECTION



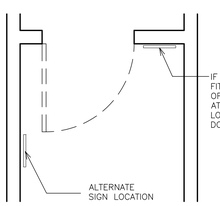
TYPE A – SIGN LOCATION AT DOOR (TYP.)



TYPE C – SIGN LOCATION AT WATER COOLER



TYPE B – SIGN LOCATION AT FIRE EXTINGUISHER (TYP.)



TYPE A – SIGN LOCATION

NOTES:

1. SIGN LAYOUT IS TYPICAL FOR ALL SIGNS. (ALL SIGNS SHALL HAVE BRAILLE AND RAISED LETTERS/SYMBOLS – SEE TYPICAL SIGN SECTION)
2. SIGNAGE SHALL COMPLY WITH NEW YORK STATE– ICC/ANSI, A117.1–2009
3. SIGN TEXT AND ROOM NUMBERING CONVENTION SHALL BE DETERMINED BY SCHOOL DISTRICT. ROOM MAY HAVE MULTIPLE SIGNS. SEE PLANS FOR LOCATION.
4. SIGN LOCATION IS GENERALLY OUTSIDE OF ROOM. VARIATIONS MAY EXIST. SEE SIGNAGE PLANS FOR LOCATIONS.
5. PROVIDE FIRE EVACUATION SIGNS IN ALL CLASSROOM/STUDENT SPACES.
6. MAXIMUM OCCUPANCY COUNT SHALL MATCH EXISTING. OBTAIN APPROVAL FROM SCHOOL DISTRICT AND FIRE MARSHALL.
7. MATCH COLORS AND FONTS OF EXISTING SIGNS IN GYMNASIUM WING.
8. WHERE NEW SIGNS REPLACE EXISTING; CONTRACTOR SHALL REMOVE EXISTING.

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PROJECT TITLE
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GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
ARCHITECTURAL AND RELATED WORK
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
SIGNAGE PLANS

01-06-2023	B I D
DATE	ISSUED TO
SHEET SIZE 30"x42"	DRAWING NO. A900
SCALE AS NOTED	
DRAWN BY F & D	FILE NO. 21434.01

PLOT DATE: January 05, 2023 - 8:51am

FILE: I:\21434.01 Edgemont Greenville Cafeteria Renovation\DRAWINGS\CURRENT\1-F&D\A900.dwg

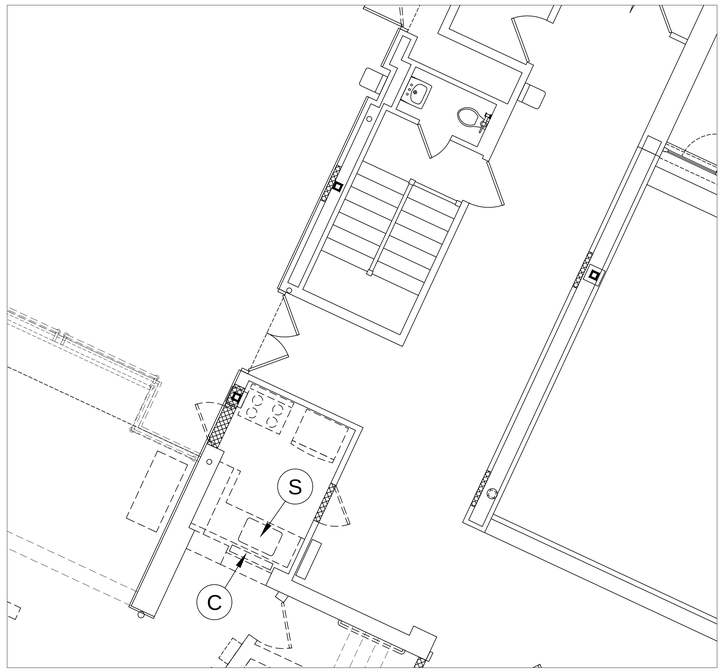
KEY PLAN:

(S) ABATE ASBESTOS SINK MASTIC

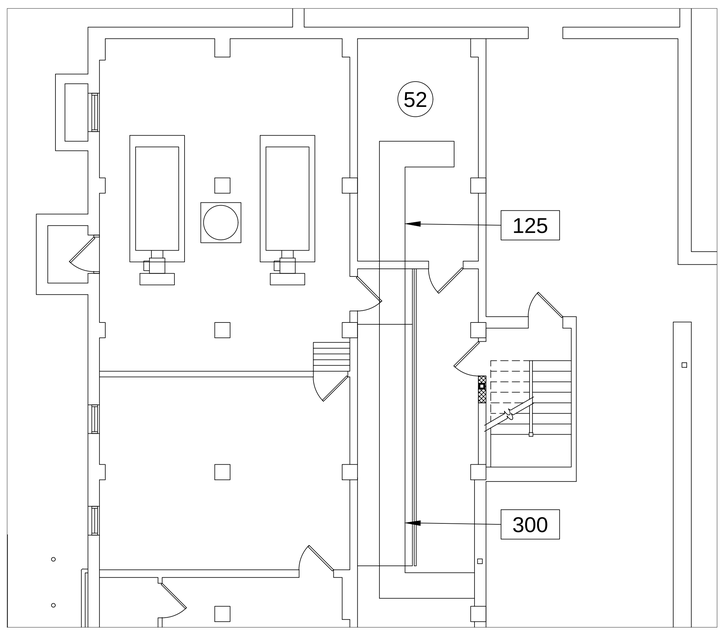
(C) OPEN CHASE AND ABATE PIPE INSULATION (10 LF ASSUMED)

(#) LINEAR FEET OF PIPE INSULATION

SQUARE FEET OF DUCT INSULATION



1 ABATEMENT PLAN - 1ST FLOOR WEST
SCALE:1/4" = 1' 0"



2 ABATEMENT PLAN - BASEMENT
SCALE:3/16" = 1' 0"

HAZARDOUS MATERIALS ABATEMENT - GENERAL NOTES:

1. THE FIGURES SHOWN ON THE DRAWINGS ARE INCLUDED HEREIN FOR INFORMATIONAL PURPOSES ONLY AND DO NOT ABSOLVE THE CONTRACTOR FROM THEIR RESPONSIBILITY TO VERIFY ALL MEASUREMENTS PRIOR TO BIDDING. THE ENGINEER DOES NOT STATE THAT THESE MEASUREMENTS ARE COMPLETELY ACCURATE, BUT ARE BASED UPON AVAILABLE DATA.
2. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE PLANS AND THE SPECIFICATIONS; 12 NYCRR PART 56 (INDUSTRIAL CODE RULE 56), ANY APPROVED SITE SPECIFIC AND APPLICABLE VARIANCE; 40 CFR 763 SUBPART E (A.H.E.R.A); 40 CFR 61 SUBPART M (N.E.S.H.A.P); 29 CFR 1926.1101; AND NY STATE EDUCATION DEPARTMENT (S.E.D.) 8-NYCRR PART 155.5 AND APPLICABLE, FEDERAL, STATE AND LOCALS CODES, REGULATIONS AND LAWS.
3. THE CONTRACTOR SHALL PROPOSE TO THE ENGINEER THE METHODS USED FOR ABATEMENT, TRANSPORT, AND DISPOSAL OF ALL HAZARDOUS MATERIALS.
4. ALL EMERGENCY EXITS MUST BE MAINTAINED. ALL FIRE SAFETY SYSTEMS (SPRINKLERS, SENSORS, EMERGENCY LIGHTS, AND ALARMS) MUST BE MAINTAINED IN AN OPERATING CONDITION.
5. NON-FRIABLE ASBESTOS CONTAINING MATERIALS (E.G. CAULKING AND GLAZING) MAY BE TRANSPORTED FROM THE SITE AND DISPOSED OF AS CONSTRUCTION AND DEMOLITION DEBRIS IN ACCORDANCE WITH 6 NYCRR PART 360 AND 364.
6. ALL NON-FRIABLE ASBESTOS CONTAINING MATERIALS REMOVED FROM THE SITE AS CONSTRUCTION AND DEMOLITION DEBRIS WASTE MUST NOT BE PROCESSED AT A C&D WASTE CONSOLIDATION FACILITY WHERE THE ACM WILL BE GRINDED OR PROCESSED BY A MEANS THAT MAY MAKE THE ACM FRIABLE REGULATED ASBESTOS CONTAINING MATERIAL (RACM).
7. ANY ACM MADE FRIABLE BY THE CONTRACTOR SHALL BE MANAGED AND DISPOSED OF AS RACM.
8. FRIABLE ASBESTOS CONTAINING MATERIALS MUST BE HANDLED, TRANSPORTED AND DISPOSED OF AS REGULATED ASBESTOS CONTAINING MATERIALS (RACM). ALL RACM MUST BE MANIFESTED FROM THE SITE USING A REGULATED WASTE MANIFEST (RWM). COPIES OF MANIFEST MUST BE PROVIDED TO OWNERS REPRESENTATIVE AT THE TIME WASTE IS REMOVED FROM SITE. MANIFEST MUST CLEARLY IDENTIFY TYPES OF WASTE AND QUANTITY OF WASTE (I.E. NUMBER OF BAGS, DRUMS) AND WHAT WASTE IS CONTAINED IN THEM.
9. ALL LIQUID WASTE MUST BE CONTAINERIZED IN APPROPRIATE CONTAINERS APPROVED BY THE U.S. DEPARTMENT OF TRANSPORTATION (DOT) FOR LIQUID WASTE.
10. ALL WASTE MUST BE REMOVED FROM SITE WITHIN 10 DAYS OF JOB COMPLETION. ALL WASTE MANIFESTS SHALL BE SIGNED BY DISPOSAL FACILITY AND RETURNED TO OWNER WITHIN 30 DAYS. DISPOSAL FACILITY SHALL BE THE SAME AS LISTED ON NOTIFICATIONS. ANY DEVIATIONS FROM NOTIFICATION SHALL REQUIRE APPROVAL. WASTE CANNOT BE REMOVED FROM SITE AND MIXED OR TRANSFERRED INTO OTHER WASTE CONTAINERS UNLESS COMPLETED AT A PERMITTED WASTE TRANSFER STATION.
11. CONTRACTOR SHALL PREPARE AND SUBMIT A WORK PLAN SHOWING WORK AREA CONTAINMENT LOCATIONS, EMERGENCY EXITS, DECONTAMINATION AND WASTE OUT LOCATIONS, ROUTE FROM WORK AREA TO WASTE CONTAINER, AND WASTE CONTAINER LOCATIONS. (NOTE: SMALL SCALE 8.5'X 11' PLANS CAN BE REQUESTED FROM ENGINEER FOR CONTRACTORS DEVELOPMENT OF THESE PLANS).
12. THE OWNER, ENGINEER AND ABATEMENT CONTRACTOR WILL AGREE ON THE LOCATION OF THE PERSONAL AND WASTE DECONTAMINATION ENCLOSURE SYSTEMS, AND WASTE CONTAINER STORAGE AREA.
13. ASBESTOS CAULK ABATEMENT PROJECTS MUST BE NOTIFIED TO NYSDOL IN THE QUANTITY OF SQUARE FEET OR LINEAR FEET AND THE TOTAL NUMBER OF WINDOWS AND DOOR OPENINGS SHALL BE PROVIDED.
14. THE ENGINEER THAT SIGNED THIS DOCUMENT CERTIFIES THAT TO THE BEST OF HIS KNOWLEDGE, INFORMATION, AND BELIEF THE PLANS AND SPECIFICATIONS ARE IN ACCORDANCE WITH THE APPLICABLE REQUIREMENTS OF THE NEW YORK STATE UNIFORM FIRE PREVENTION
15. THE ENGINEER, JACK EISENBACH IS ACCREDITED BY THE ENVIRONMENTAL PROTECTION AGENCY UNDER THE AHERA REGULATION FOR ASBESTOS PROJECT DESIGNER (ASBESTOS HANDLING CERTIFICATE NUMBER AH 88-07060).

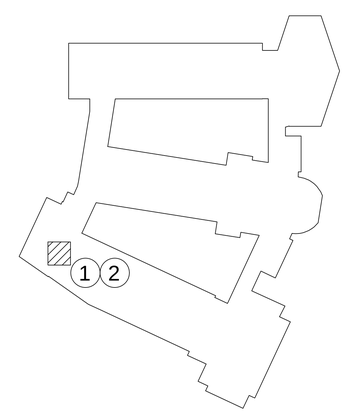
ASBESTOS CONTAINING SINK MASTIC

1. THIS WORK CONSISTS OF THE REMOVAL AND DISPOSAL OF WATERPROOFING MASTIC APPLIED TO THE UNDERSIDE OF THE SINK FIXTURE.
2. REFER TO THE KEY PLAN FOR EXACT LOCATION FOR THIS WORK.
3. THE ABATEMENT CONTRACTOR SHALL WRAP AND DISPOSE OF THE FIXTURE AND DIOSPOSE OF AS ASBESTOS CONTAMINATED.
4. THE ABATEMENT CONTRACTOR SHALL COORDINATE THE DISCONNECT WITH THE PLUMBING CONTRACTOR.
5. ALL WORK SHALL BE PERFORMED INSIDE A NEGATIVE PRESSURE TENT ENCLOSURE.
6. THE WORK AREA SHALL BE CLEARED BY PCM AIR SAMPLING.

ASBESTOS CONTAINING PIPE AND FITTING INSULATION IN CHASE WALLS

1. THIS WORK CONSISTS OF THE REMOVAL AND DISPOSAL OF ASBESTOS CONTAINING PIPE INSULATION AND FITTINGS INSIDE A WALL CHASE.
2. THE WORK INCLUDES THE ABATEMENT OF A MINIMUM OF 10 LINEAR FEET OF PIPE INSULATION AND FITTINGS.
3. PIPING IN THE CHASE WAS NOT ACCESSIBLE AT THE TIME OF THE INSPECTION AND SHALL BE ASSUMED POSITIVE.
4. WORK SHALL BE PERFORMED INSIDE A NEGATIVE PRESSURE TENT ENCLOSURE WITH GLOVEBAG ABATEMENT.
5. THE AREA SHALL BE CLEARED BY PCM AIR SAMPLING.

KEY PLAN:



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JACK EISENBACH No. 059445 PROFESSIONAL ENGINEER

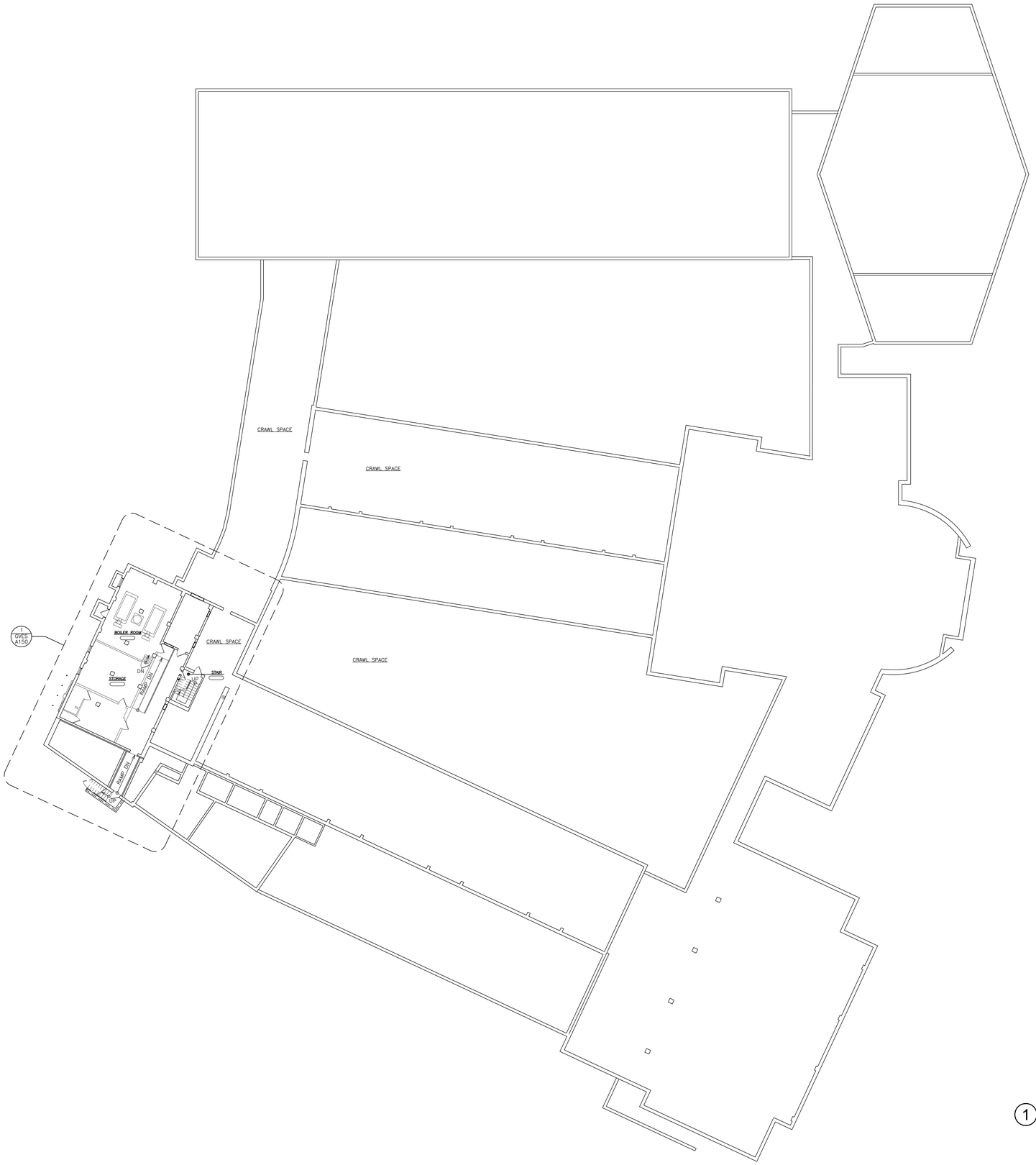
S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE RENOVATION AND RELATED WORK
SAFETY PLAN, ELEVATOR, AND SCHOOL
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
HAZARDOUS MATERIALS REMOVAL PLAN

01-06-2023	BID
DATE	ISSUED TO
SHEET SIZE 30"x42"	DRAWING NO. HM100
SCALE AS NOTED	
DRAWN BY E & R	FILE NO. 21434.01



1 BASEMENT PLAN AND LOWER LEVEL PLAN
SCALE: 1/16" = 1'-0"

N

0 2' 4' 8' 16' 32'

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S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
ADDITION, RENOVATION AND RELATED WORK
PHASE 1 - ADDITION AND HVAC
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
BASEMENT PLAN AND LOWER LEVEL PLAN

01-06-2023	B I D
DATE	ISSUED TO

SHEET SIZE 30"x42"	DRAWING NO. GVES A100
SCALE AS NOTED	
DRAWN BY F & D	FILE NO. 21434.01

PLOT DATE: January 05, 2023 - 9:33am

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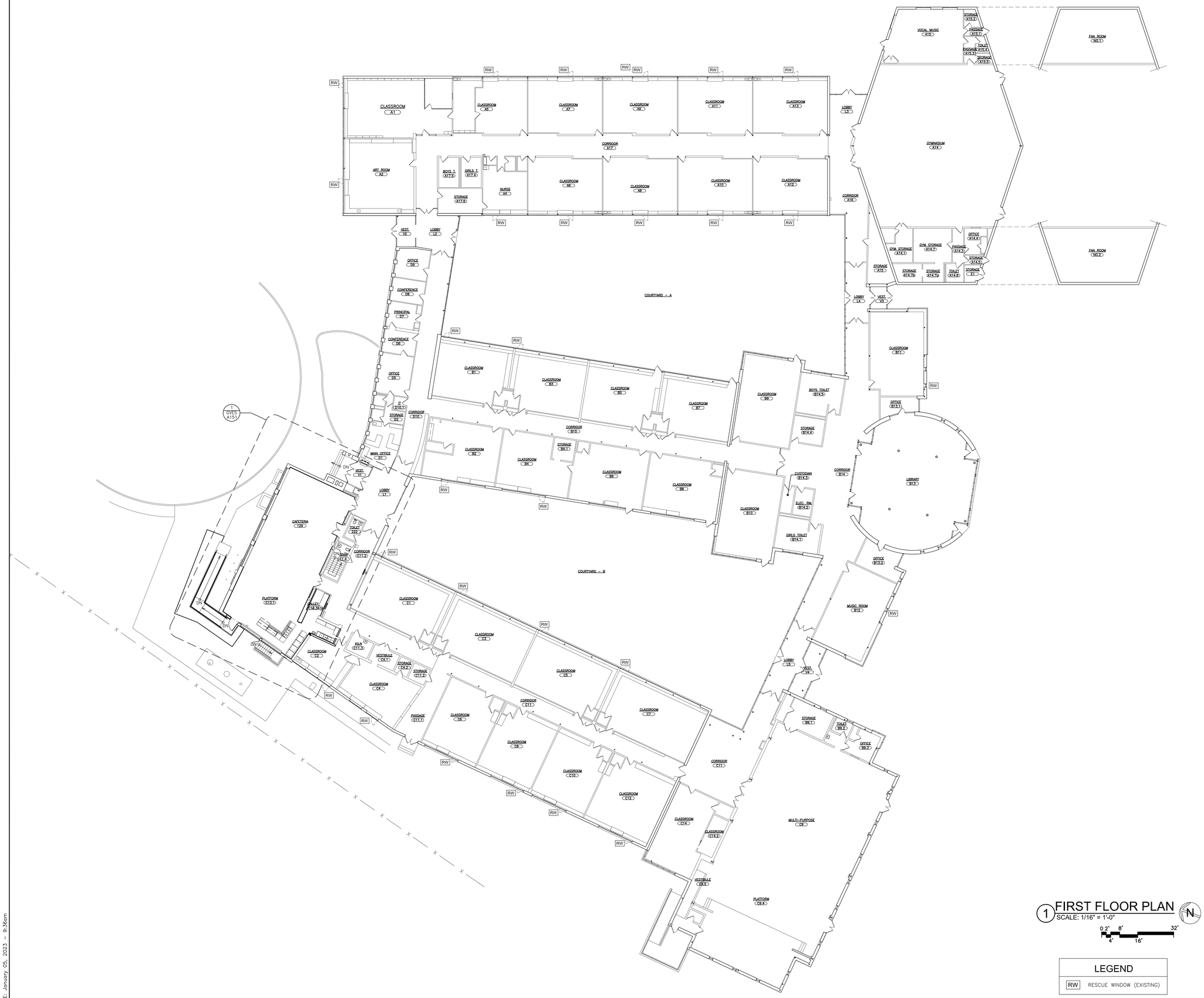

1 FIRST FLOOR PLAN
SCALE: 1/16" = 1'-0"

0 2' 4' 8' 16' 32'

N

LEGEND

RW	RESCUE WINDOW (EXISTING)

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S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
ADDITION AND RELATED WORK
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
FIRST FLOOR PLAN

01-06-2023	B I D
DATE	ISSUED TO
SHEET SIZE 30"x42"	DRAWING NO. GVES A101
SCALE AS NOTED	
DRAWN BY F & D	FILE NO. 21434.01

PLOT DATE: January 05, 2023 - 9:36am

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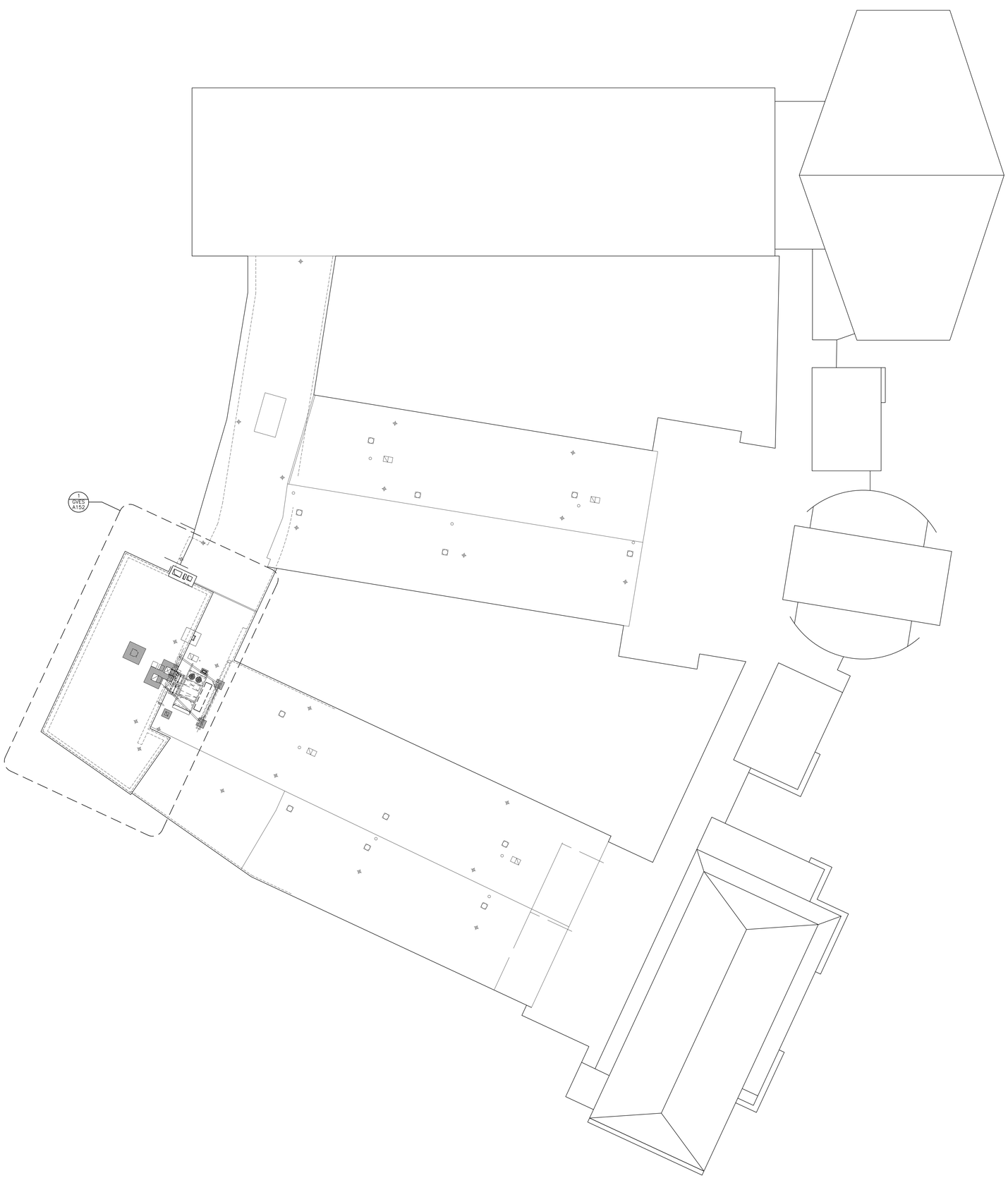

1 ROOF PLAN
SCALE: 1/16" = 1'-0"

0 2' 4' 8' 16' 32'

N

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S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
CAFETERIA RENOVATION AND RELATED WORK
SED # 66-04-06-03-0-008-021
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
ROOF PLAN

01-06-2023	B I D
DATE	ISSUED TO

SHEET SIZE 30"x42"	DRAWING NO. GVES A102
SCALE AS NOTED	
DRAWN BY F & D	FILE NO. 21434.01

PLOT DATE: January 05, 2023 - 9:37am

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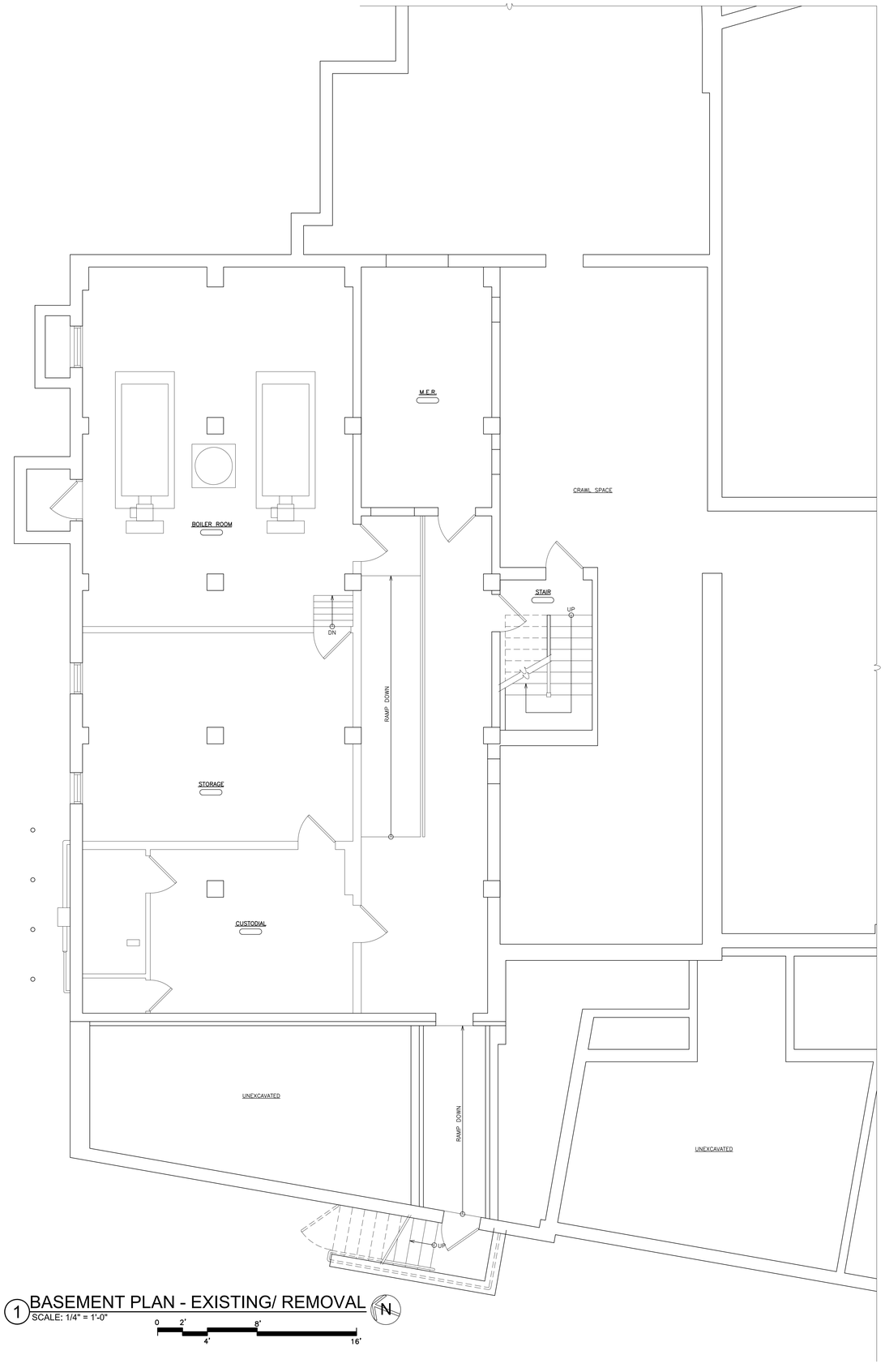

1 BASEMENT PLAN - EXISTING/ REMOVAL
SCALE: 1/4" = 1'-0"

0 2' 4' 8' 16'

N

REMOVAL NOTES: (KEYED ON PLANS)

R1 REMOVE EXISTING DOORS, METAL FRAMES, TRANSOMS, HARDWARE, SADDLES, SIDE-LITES AND ALL RELATED ITEMS. PATCH ALL DISTURBED SURFACES TO MATCH EXISTING ADJACENT SURFACES.

R2 SAW-CUT AND REMOVE CMU PARTITION(S) FROM SLAB TO STRUCTURE ABOVE. PATCH DISTURBED SURFACES TO MATCH EXISTING ADJACENT SURFACES. GRIND DOWN ANY HIGH SPOTS UNDER EXISTING WALL. FLASH PATCH SMOOTH TO ADJACENT SURFACES. PROVIDE TEMPORARY SHORING AS NEEDED.

R3 REMOVE EXISTING WOOD FRAMED PLATFORM, RAILING AND STAIR IN IT'S ENTIRETY AND RELATED ITEMS. PATCH ALL DISTURBED SURFACES TO MATCH EXISTING ADJACENT SURFACES.

R4 REMOVE EXISTING SUSPENDED CEILING ASSEMBLY, SUSPENSION SYSTEM, PANELS, WALL ANGLES, SEISMIC TIES AND ALL RELATED ITEMS. COORDINATE WORK WITH E-CONTRACTOR. PATCH ALL DISTURBED SURFACES TO MATCH EXISTING ADJACENT SURFACES.

R5 REMOVE EXISTING PLASTER CEILING ASSEMBLY INCLUDING HANGERS, BLACK IRON, PANELS AND ASSOCIATED ITEMS. COORDINATE WORK WITH E-CONTRACTOR. PATCH ALL DISTURBED SURFACES TO MATCH EXISTING ADJACENT SURFACES.

R6 REMOVE EXISTING VCT FLOOR TILE, (MULTIPLE LAYER MAY EXIST) WALL BASE, TRANSITION STRIPS, MASTIC AND SUBSTRATE DOWN TO EXISTING SLAB. MECHANICALLY PROFILE 100% OF EXISTING SUB-FLOOR FOR NEW FLOOR FINISHES.

R7 REMOVE EXISTING CASEWORK, BRACKETS, BASE, FLOOR TRACKS AND ALL RELATED ITEMS. PATCH ALL DISTURBED SURFACES TO MATCH EXISTING ADJACENT SURFACES. COORDINATE WORK WITH PLUMBING AND ELECTRICAL CONTRACTORS.

R8 REMOVE EXISTING WALL MOUNTED ACOUSTIC PANELS AND FRAME AND ALL RELATED ITEMS. PATCH ALL DISTURBED SURFACES TO MATCH EXISTING ADJACENT SURFACES.

R9 REMOVE EXISTING WALL MURAL AND ALL RELATED ITEMS. PATCH ALL DISTURBED SURFACES TO MATCH EXISTING ADJACENT SURFACES. REINSTALL MURAL OVER NEW WALL FURRING.

R10 REMOVE EXISTING FOUNDATION WALL DOWN TO A MINIMUM OF 6" BELOW THE CAFETERIA FINISHED FLOOR. PATCH WITH CONCRETE.

R11 REMOVE EXISTING WALL PADDING AND ALL RELATED ITEMS. PATCH ALL DISTURBED SURFACES TO MATCH EXISTING ADJACENT SURFACES.

R12 REMOVE EXISTING WALL MOUNTED PADDING SUPPORT TRACK AND ALL RELATED ITEMS. PATCH ALL DISTURBED SURFACES TO MATCH EXISTING ADJACENT SURFACES.

R13 REMOVE EXISTING MASONRY KNEE WALL AT EDGE OF EXISTING PLATFORM. COORDINATE WITH ELECTRICAL CONTRACTOR. PATCH DISTURBED SURFACES TO MATCH EXISTING ADJACENT SURFACES. GRIND DOWN ANY HIGH SPOTS UNDER EXISTING WALL. FLASH PATCH SMOOTH TO ADJACENT SURFACES.

R14 REMOVE AND RE-INSTALL EXISTING WINDOW SHADES. SAFELY STORE AND REMOUNT.

R15 MECHANICAL CONTRACTOR TO REMOVE EXISTING FIN-TUBE. COORDINATE WORK.

R16 REMOVE MARKER BOARD AND RELATED ITEMS. TURN OVER TO OWNER.

R17 REMOVE FIRE EXTINGUISHER AND HARDWARE. TURN OVER FIRE EXTINGUISHER TO OWNER.

R18 REMOVE EXISTING STAIR AND RAILINGS.

R19 REMOVE EXISTING METAL STAIR STRUCTURE AND RELATED ITEMS. PATCH DISTURBED SURFACES TO MATCH EXISTING ADJACENT SURFACES.

R20 SAW-CUT ALONG EXISTING SCORED JOINTS AND REMOVE PORTION OF EXISTING CONCRETE WALK, BASE & SUB-BASE TO INSTALL NEW RAMP.

R21 SALVAGE EXISTING REMOVED GLAZED BLOCK FOR RE-USE.

R22 REMOVE METAL STUD PARTITION FROM SLAB TO STRUCTURE ABOVE. PATCH DISTURBED SURFACES TO MATCH EXISTING ADJACENT SURFACES.

R23 SAW-CUT AND REMOVE PORTION OF EXISTING BRICK AND METAL STUD WALL FOR INSTALLATION OF NEW DOOR, FRAME AND LINTEL. WORK IN MANNER WHICH PROVIDES CONTINUOUS SUPPORT OF MASONRY AND WALL ABOVE.

R24 MECHANICAL CONTRACTOR TO REMOVE EXISTING CABINET HEATER. COORDINATE WORK.

R25 SINK TO BE REMOVED BY PLUMBING CONTRACTOR. COORDINATE WORK.

R26 REMOVE AND TURN OVER CLEANING LIQUID DISPENSING STATION TO OWNER.

R27 REMOVE FLOOR TILE AND SETTING MATERIAL INCLUDING TILE BASE.

R28 REMOVE METAL HANDRAILS AND SUPPORT BRACKETS. PATCH WALL.

R29 REMOVE CONCRETE RAMP, FLOOR TILE AND WALL BASE. CLEAN AND GRIND SMOOTH WALL SURFACES WHERE EXISTING RAMP ABUTS. PATCH AND FINISH TO MATCH EXISTING.

R30 REMOVE METAL STUD PARTITION IN ORDER FOR MECHANICAL CONTRACTOR TO REMOVE DUCT WORK.

R31 PLUMBING CONTRACTOR TO DISCONNECT DISH WASHER. DISCARD DISH WASHER.

R32 ELECTRICAL CONTRACTOR TO DISCONNECT RANGE. DISCARD RANGE.

R33 SAWCUT EXISTING STEEL RAILINGS AND REMOVE. MODIFY CUT RAILING TO TURN INTO WALL. PROVIDE REQUIRED BLOCKING AND MOUNTING BRACKET FOR RAILING.

R34 REMOVE FLOOR SLAB AS INDICATED. REFER TO SECTIONS FOR ADDITIONAL INFORMATION.

R35 SAWCUT IN FRONT OF EXISTING STRINGER TO ALLOW FOR ONE NEW STEP DOWN (6¾"±) TO MATCH EXISTING TREAD & RISER DIMENSIONS.

R36 SAWCUT PORTION OF SLAB (SLAB HAUNCH) ONE RISER HEIGHT DOWN (6¾"±) TO ALLOW FOE NEW DOOR.

R37 REMOVE EXISTING CONCRETE SLAB, GRAVEL, AND SUB-BASE AS REQUIRED TO CONSTRUCT NEW RAMP AND STAIR.

R38 SAW-CUT AND REMOVE PORTION OF WALL DOWN TO SLAB LEVEL FOR INSTALLATION ON NEW WORK. PATCH DISTURBED SURFACES TO MATCH EXISTING ADJACENT SURFACES.

R39 REMOVE EXISTING CONCRETE AREAWAY AND FOUNDATION. REMOVE ABANDONED DRAIN AND PIPING OUT OF NEW WORK AREA. CAP PIPING.

R40 REMOVE FIRE EXTINGUISHER AND BRACKET AND TURN OVER TO OWNER.

R41 REMOVE AND SALVAGE EXISTING GLAZED BLOCK TO INSTALL COLUMN. REINSTALL TO MATCH EXISTING.

R42 REMOVE EXISTING DOOR AND HARDWARE.

R43 EXISTING FOOD SERVICE EQUIPMENT. TURN OVER TO OWNER.

R44 OWNER TO REMOVE EXISTING CHARGER STATION.

R45 PATCH FLOOR/ WALL OPENING TO MATCH EXISTING DUE TO DUCT REMOVAL. COORDINATE WITH MECHANICAL CONTRACTOR.

R46 REMOVE PORTION OF CONCRETE BLOCK WALL TO INSTALL NEW COLUMN. REINSTALL TO MATCH EXISTING.

R47 REMOVE SECTION OF STAIR HANDRAILS TO ACCOMMADATE ADDITIONAL RISER.

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S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE
ELEMENTARY SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
SITE, ELECTRICAL AND RELATED WORK
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
BASEMENT EXISTING AND REMOVAL PLAN

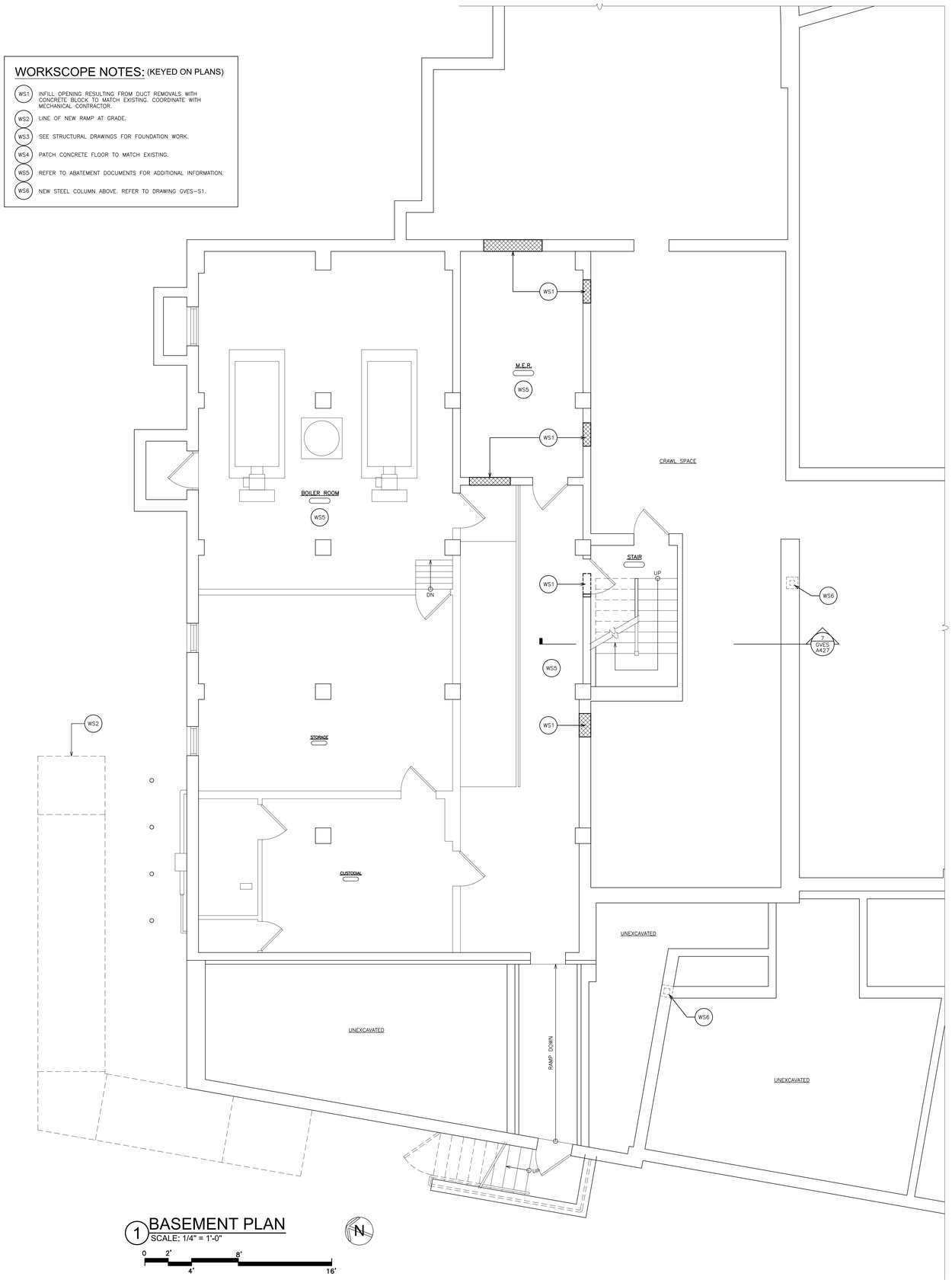
01-06-2023	B I D
DATE	ISSUED TO
SHEET SIZE 30"x42"	DRAWING NO. GVES AR150
SCALE AS NOTED	
DRAWN BY F & D	FILE NO. 21434.01

PLOT DATE: January 05, 2023 - 9:32am

FILE: I:\21434.01 Edgemont Greenville Cafeteria Renovation\DRAWINGS\CURRENT\1-F&D\GVES-A100 150.dwg

WORKSCOPE NOTES: (KEYED ON PLANS)

- WS1 — INFILL OPENING RESULTING FROM DUCT REMOVALS WITH CONCRETE BLOCK TO MATCH EXISTING. COORDINATE WITH MECHANICAL CONTRACTOR.
- WS2 — LINE OF NEW RAMP AT GRADE.
- WS3 — SEE STRUCTURAL DRAWINGS FOR FOUNDATION WORK.
- WS4 — PATCH CONCRETE FLOOR TO MATCH EXISTING.
- WS5 — REFER TO ABATEMENT DOCUMENTS FOR ADDITIONAL INFORMATION.
- WS6 — NEW STEEL COLUMN ABOVE. REFER TO DRAWING GVES-S1.



1 BASEMENT PLAN
SCALE: 1/4" = 1'-0"

0 2' 4' 8' 16'

N

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S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
CAFETERIA RENOVATION AND RELATED WORK
SEELY PLACE ELEMENTARY SCHOOL
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
BASEMENT PLAN

01-06-2023	B I D
DATE	ISSUED TO
SHEET SIZE 30"x42"	DRAWING NO. GVES A150
SCALE AS NOTED	
DRAWN BY F & D	FILE NO. 21434.01

PLOT DATE: January 05, 2023 — 10:15am

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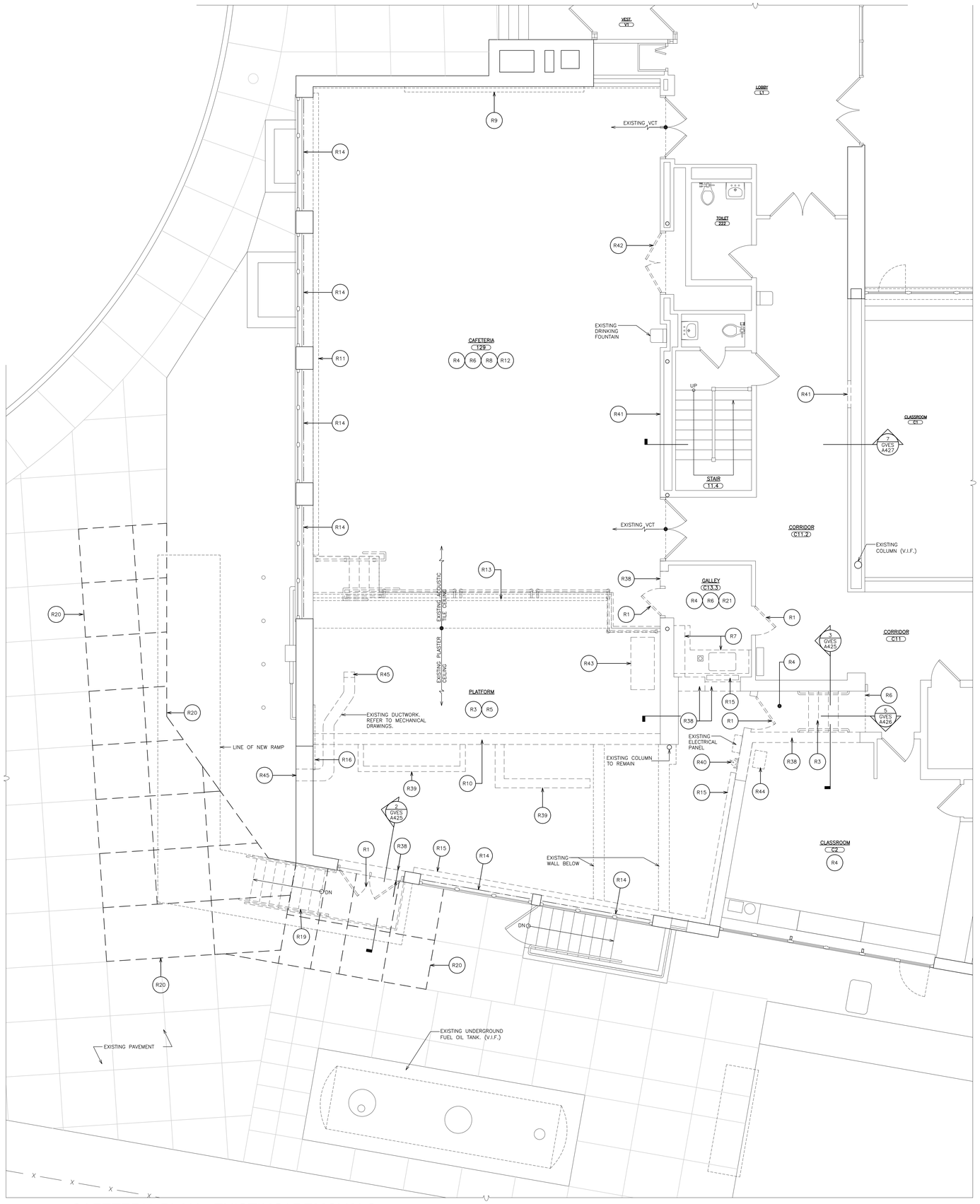

1 CAFETERIA PLAN - EXISTING/ REMOVALS
SCALE: 1/4" = 1'-0"

REMOVAL NOTES: (KEYED ON PLANS)

- R1 REMOVE EXISTING DOORS, METAL FRAMES, TRANSOMS, HARDWARE, SADDLES, SIDE-LITES AND ALL RELATED ITEMS. PATCH ALL DISTURBED SURFACES TO MATCH EXISTING ADJACENT SURFACES.
- R2 SAW-CUT AND REMOVE CMU PARTITION(S) FROM SLAB TO STRUCTURE ABOVE. PATCH DISTURBED SURFACES TO MATCH EXISTING ADJACENT SURFACES. GRIND DOWN ANY HIGH SPOTS UNDER EXISTING WALL. FLASH PATCH SMOOTH TO ADJACENT SURFACES. PROVIDE TEMPORARY SHORING AS NEEDED.
- R3 REMOVE EXISTING WOOD FRAMED PLATFORM, RAILING AND STAIR IN IT'S ENTIRETY AND RELATED ITEMS. PATCH ALL DISTURBED SURFACES TO MATCH EXISTING ADJACENT SURFACES.
- R4 REMOVE EXISTING SUSPENDED CEILING ASSEMBLY, SUSPENSION SYSTEM, PANELS, WALL ANGLES, SEISMIC TIES AND ALL RELATED ITEMS. COORDINATE WORK WITH E-CONTRACTOR. PATCH ALL DISTURBED SURFACES TO MATCH EXISTING ADJACENT SURFACES.
- R5 REMOVE EXISTING PLASTER CEILING ASSEMBLY INCLUDING HANGERS, BLACK IRON, PANELS AND ASSOCIATED ITEMS. COORDINATE WORK WITH E-CONTRACTOR. PATCH ALL DISTURBED SURFACES TO MATCH EXISTING ADJACENT SURFACES.
- R6 REMOVE EXISTING VCT FLOOR TILE, (MULTIPLE LAYER MAY EXIST) WALL BASE, TRANSITION STRIPS, MASTIC AND SUBSTRATE DOWN TO EXISTING SLAB. MECHANICALLY PROFILE 100% OF EXISTING SUB-FLOOR FOR NEW FLOOR FINISHES.
- R7 REMOVE EXISTING CASEWORK, BRACKETS, BASE, FLOOR TRACKS AND ALL RELATED ITEMS. PATCH ALL DISTURBED SURFACES TO MATCH EXISTING ADJACENT SURFACES. COORDINATE WORK WITH PLUMBING AND ELECTRICAL CONTRACTORS.
- R8 REMOVE EXISTING WALL MOUNTED ACOUSTIC PANELS AND FRAME AND ALL RELATED ITEMS. PATCH ALL DISTURBED SURFACES TO MATCH EXISTING ADJACENT SURFACES.
- R9 REMOVE EXISTING WALL MURAL AND ALL RELATED ITEMS. PATCH ALL DISTURBED SURFACES TO MATCH EXISTING ADJACENT SURFACES. REINSTALL MURAL OVER NEW WALL FURRING.
- R10 REMOVE EXISTING FOUNDATION WALL DOWN TO A MINIMUM OF 6" BELOW THE CAFETERIA FINISHED FLOOR. PATCH WITH CONCRETE.
- R11 REMOVE EXISTING WALL PADDING AND ALL RELATED ITEMS. PATCH ALL DISTURBED SURFACES TO MATCH EXISTING ADJACENT SURFACES.
- R12 REMOVE EXISTING WALL MOUNTED PADDING SUPPORT TRACK AND ALL RELATED ITEMS. PATCH ALL DISTURBED SURFACES TO MATCH EXISTING ADJACENT SURFACES.
- R13 REMOVE EXISTING MASONRY KNEE WALL AT EDGE OF EXISTING PLATFORM. COORDINATE WITH ELECTRICAL CONTRACTOR. PATCH DISTURBED SURFACES TO MATCH EXISTING ADJACENT SURFACES. GRIND DOWN ANY HIGH SPOTS UNDER EXISTING WALL. FLASH PATCH SMOOTH TO ADJACENT SURFACES.
- R14 REMOVE AND RE-INSTALL EXISTING WINDOW SHADES. SAFELY STORE AND REMOUNT.
- R15 MECHANICAL CONTRACTOR TO REMOVE EXISTING FIN-TUBE. COORDINATE WORK.
- R16 REMOVE MARKER BOARD AND RELATED ITEMS. TURN OVER TO OWNER.
- R17 REMOVE FIRE EXTINGUISHER AND HARDWARE. TURN OVER FIRE EXTINGUISHER TO OWNER.
- R18 REMOVE EXISTING STAIR AND RAILINGS.
- R19 REMOVE EXISTING METAL STAIR STRUCTURE AND RELATED ITEMS. PATCH DISTURBED SURFACES TO MATCH EXISTING ADJACENT SURFACES.
- R20 SAW-CUT ALONG EXISTING SCORED JOINTS AND REMOVE PORTION OF EXISTING CONCRETE WALK, BASE & SUB-BASE TO INSTALL NEW RAMP.
- R21 SALVAGE EXISTING REMOVED GLAZED BLOCK FOR RE-USE.
- R22 REMOVE METAL STUD PARTITION FROM SLAB TO STRUCTURE ABOVE. PATCH DISTURBED SURFACES TO MATCH EXISTING ADJACENT SURFACES.
- R23 SAW-CUT AND REMOVE PORTION OF EXISTING BRICK AND METAL STUD WALL FOR INSTALLATION OF NEW DOOR, FRAME AND LINTEL. WORK IN MANNER WHICH PROVIDES CONTINUOUS SUPPORT OF MASONRY AND WALL ABOVE.
- R24 MECHANICAL CONTRACTOR TO REMOVE EXISTING CABINET HEATER. COORDINATE WORK.
- R25 SINK TO BE REMOVED BY PLUMBING CONTRACTOR. COORDINATE WORK.
- R26 REMOVE AND TURN OVER CLEANING LIQUID DISPENSING STATION TO OWNER.
- R27 REMOVE FLOOR TILE AND SETTING MATERIAL INCLUDING TILE BASE.
- R28 REMOVE METAL HANDRAILS AND SUPPORT BRACKETS. PATCH WALL.
- R29 REMOVE CONCRETE RAMP, FLOOR TILE AND WALL BASE. CLEAN AND GRIND SMOOTH WALL SURFACES WHERE EXISTING RAMP ABUTS. PATCH AND FINISH TO MATCH EXISTING.
- R30 REMOVE METAL STUD PARTITION IN ORDER FOR MECHANICAL CONTRACTOR TO REMOVE DUCT WORK.
- R31 PLUMBING CONTRACTOR TO DISCONNECT DISH WASHER. DISCARD DISH WASHER.
- R32 ELECTRICAL CONTRACTOR TO DISCONNECT RANGE. DISCARD RANGE.
- R33 SAWCUT EXISTING STEEL RAILINGS AND REMOVE. MODIFY CUT RAILING TO TURN INTO WALL. PROVIDE REQUIRED BLOCKING AND MOUNTING BRACKET FOR RAILING.
- R34 REMOVE FLOOR SLAB AS INDICATED. REFER TO SECTIONS FOR ADDITIONAL INFORMATION.
- R35 SAWCUT IN FRONT OF EXISTING STRINGER TO ALLOW FOR ONE NEW STEP DOWN (6¾"±) TO MATCH EXISTING TREAD & RISER DIMENSIONS.
- R36 SAWCUT PORTION OF SLAB (SLAB HAUNCH) ONE RISER HEIGHT DOWN (6¾"±) TO ALLOW FOE NEW DOOR.
- R37 REMOVE EXISTING CONCRETE SLAB, GRAVEL, AND SUB-BASE AS REQUIRED TO CONSTRUCT NEW RAMP AND STAIR.
- R38 SAW-CUT AND REMOVE PORTION OF WALL DOWN TO SLAB LEVEL FOR INSTALLATION ON NEW WORK. PATCH DISTURBED SURFACES TO MATCH EXISTING ADJACENT SURFACES.
- R39 REMOVE EXISTING CONCRETE AREAWAY AND FOUNDATION. REMOVE ABANDONED DRAIN AND PIPING OUT OF NEW WORK AREA. CAP PIPING.
- R40 REMOVE FIRE EXTINGUISHER AND BRACKET AND TURN OVER TO OWNER.
- R41 REMOVE AND SALVAGE EXISTING GLAZED BLOCK TO INSTALL COLUMN. REINSTALL TO MATCH EXISTING.
- R42 REMOVE EXISTING DOOR AND HARDWARE.
- R43 EXISTING FOOD SERVICE EQUIPMENT. TURN OVER TO OWNER.
- R44 OWNER TO REMOVE EXISTING CHARGER STATION.
- R45 PATCH FLOOR/ WALL OPENING TO MATCH EXISTING DUE TO DUCT REMOVAL. COORDINATE WITH MECHANICAL CONTRACTOR.
- R46 REMOVE PORTION OF CONCRETE BLOCK WALL TO INSTALL NEW COLUMN. REINSTALL TO MATCH EXISTING.
- R47 REMOVE SECTION OF STAIR HANDRAILS TO ACCOMMADATE ADDITIONAL RISER.

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S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

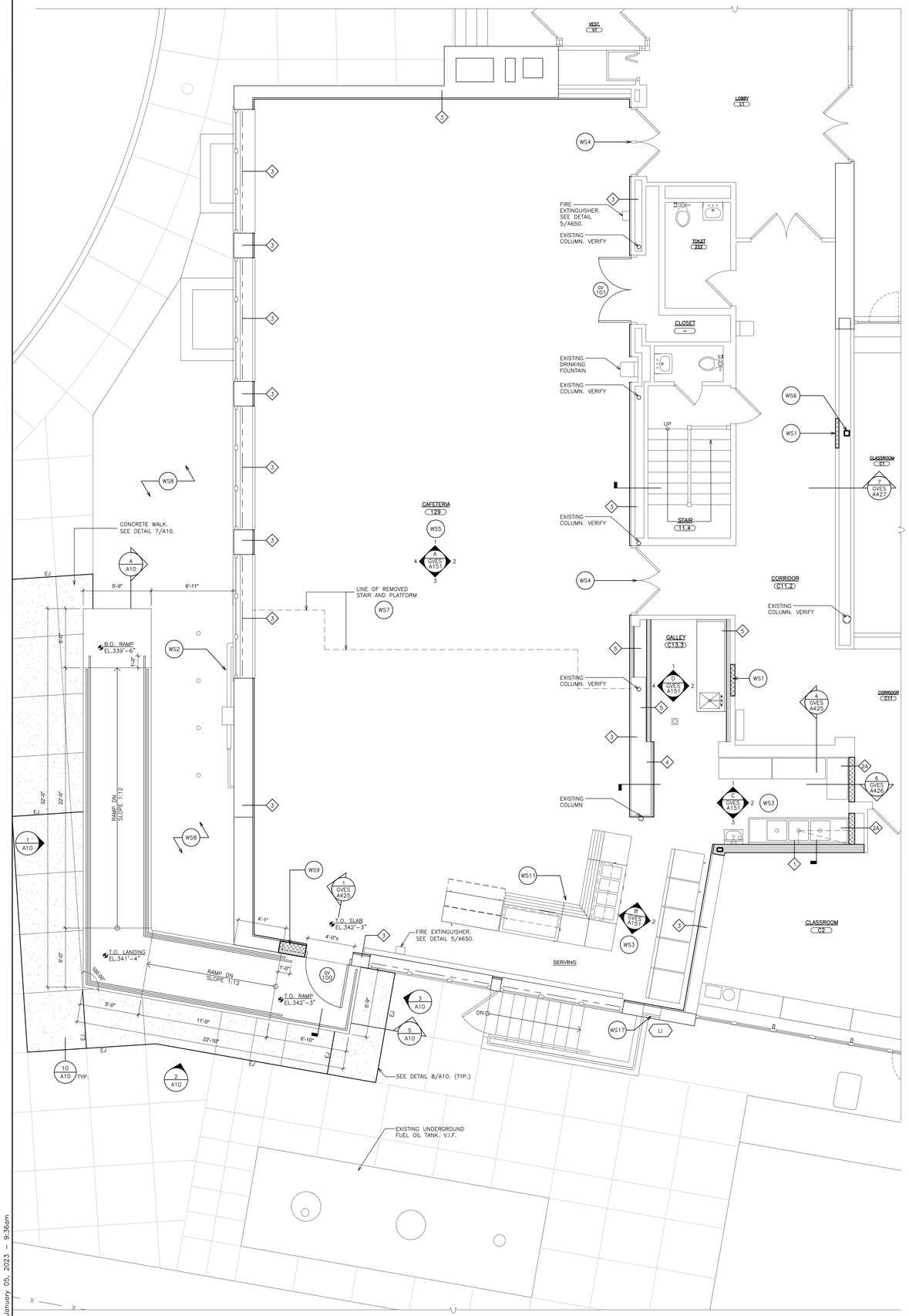
PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
ADDITION/RENOVATION AND RELATED WORK
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
CAFETERIA PLAN - EXISTING/ RAMOVAL

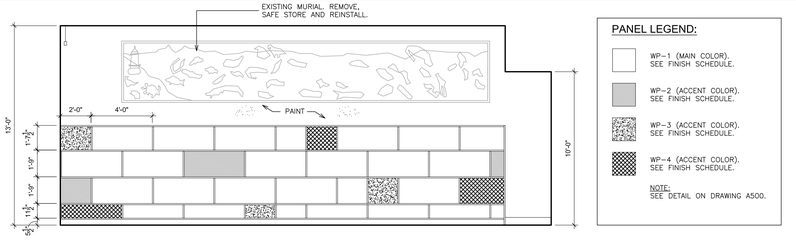
01-06-2023	B I D
DATE	ISSUED TO
SHEET SIZE 30"x42"	DRAWING NO. GVES AR151
SCALE AS NOTED	
DRAWN BY F & D	FILE NO. 21434.01

PLOT DATE: January 05, 2023 - 9:35am

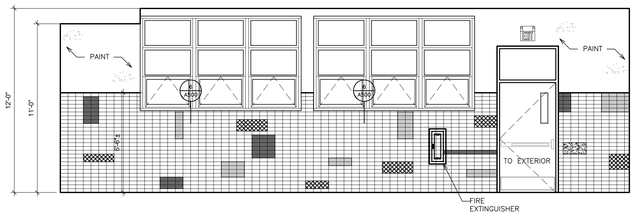
FILE: I:\21434.01 Edgemont Greenville Cafeteria Renovation\DRAWINGS\CURRENT\1-F&D\GVES-A101 151.dwg



2 CAFETERIA PLAN
SCALE: 1/4" = 1'-0"



ELEVATION- 1



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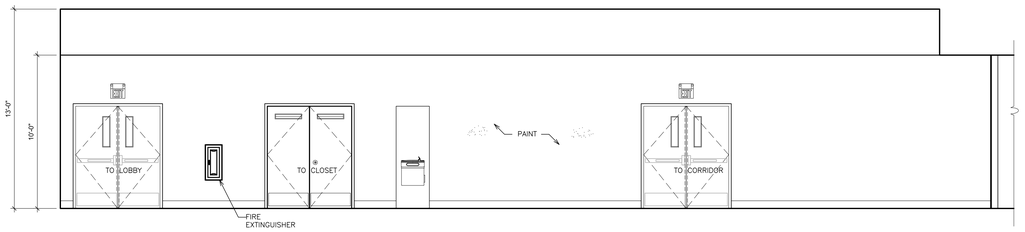

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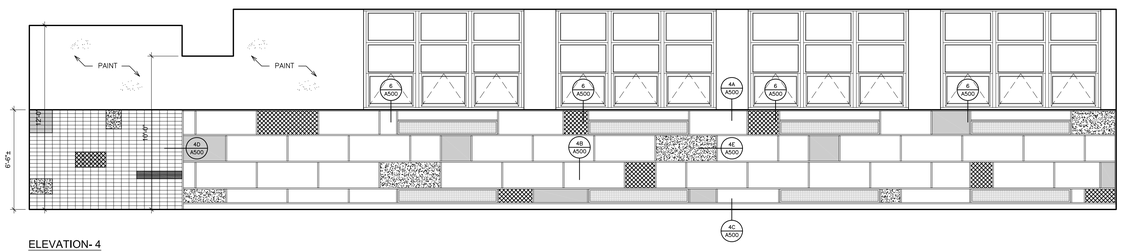
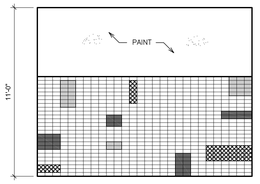


ELEVATION- 4

A INTERIOR ELEVATIONS - CAFETERIA
SCALE: 1/4" = 1'-0"



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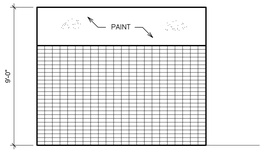

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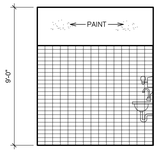

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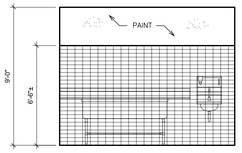
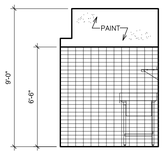


ELEVATION- 3

B INTERIOR ELEVATIONS
SCALE: 1/4" = 1'-0"

C INTERIOR ELEVATIONS
SCALE: 1/4" = 1'-0"



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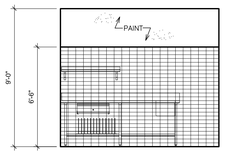

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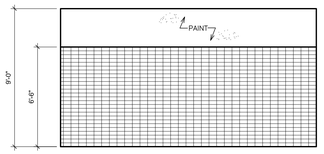

ELEVATION- 4

D INTERIOR ELEVATIONS - KITCHEN
SCALE: 1/4" = 1'-0"

PANEL LEGEND:

- WP-1 (MAIN COLOR). SEE FINISH SCHEDULE.
- WP-2 (ACCENT COLOR). SEE FINISH SCHEDULE.
- WP-3 (ACCENT COLOR). SEE FINISH SCHEDULE.
- WP-4 (ACCENT COLOR). SEE FINISH SCHEDULE.

NOTE:
SEE DETAIL ON DRAWING A500.

TILE LEGEND:

- CT-1 3"x6" GLAZED CERAMIC TILE (MAIN COLOR). SEE FINISH SCHEDULE.
- CT-2 3"x6" GLAZED CERAMIC TILE (ACCENT COLOR). SEE FINISH SCHEDULE.
- CT-3 3"x6" GLAZED CERAMIC TILE (ACCENT COLOR). SEE FINISH SCHEDULE.
- CT-4 3"x6" GLAZED CERAMIC TILE (ACCENT COLOR). SEE FINISH SCHEDULE.
- CT-5 3"x6" GLAZED CERAMIC TILE (ACCENT COLOR). SEE FINISH SCHEDULE.

WORKSCOPE NOTES: (KEYED ON PLANS)

- WS1 INFILL OPENING WITH SALVAGED GLAZED BLOCK FROM REMOVALS. TOOTH INTO ADJACENT WALLS. MATCH EXISTING BOND PATTERN AND GROUT.
- WS2 EXISTING GAS SERVICE. PROVIDE PROTECTION AND ACCESS DURING CONSTRUCTION OPERATIONS.
- WS3 REFER TO FOOD SERVICE DRAWINGS FOR EQUIPMENT IN THIS AREA.
- WS4 PREP AND PAINT EXISTING DOOR AND FRAME.
- WS5 REFER TO DRAWING A900 FOR SIGNAGE INFORMATION.
- WS6 NEW STEEL COLUMN FOR ROOF DUNNAGE. SEE GVES/S2 FOR ADDITIONAL INFORMATION.
- WS7 PROVIDE A MINIMUM OF 2" OF SELF LEVELING UNDER LAYMENT OVER ENTIRE FLOOR SLAB EXPOSED BY THE REMOVAL OF THE FLATFORM.
- WS8 RESTORE ALL DISTURBED GRASS AREA. SEE DETAIL 9/A10.
- WS9 PROVIDE NEW BRICK & BLOCK TOOTHED INTO EXISTING. BRICK TO MATCH EXISTING COLOR, TEXTURE & PATTERN. PROVIDE S.S. BRICK & BLOCK TIES, DAMPPROOFING & RIGID INSULATION. EXISTING STEEL LINTEL TO REMAIN (SCRAPE, WIRE BRUSH PRIME & PAINT).
- WS10 CONSTRUCT NEW PARTITION TO MATCH EXISTING. REINFORCE WITH BLOCKING TO ANCHOR NEW HANDRAIL EXTENSION.
- WS11 CONCRETE SLAB PATCHING BY M/E/P. COORDINATE FINISH WORK.
- WS12 PATCH FLOOR OPENING IN CONCRETE FLOOR SLAB AFTER MECHANICAL CONTRACTOR REMOVES AIR GRILLE AND BLANKS OFF THE DUCK OPENING. SEE DETAIL 9/A500.
- WS13 REMOVE AND REMOUNT EXISTING F.E. TO BE FLUSH WITH NEW WALL FINISH.
- WS14 NEW 1¼" NOM.ø CONTINUOUS ALUMINUM HANDRAILS EACH SIDE OF WALL.
- WS15 WELD NEW HANDRAILS (DOUBLE HEIGHT) TO EXISTING. EXTEND BEYOND NEW TREAD DISTANCE EQUAL TO TREND WIDTH.
- WS16 INSTALL PROTECTIVE FILM OVER ALL GLASS AREA.
- WS17 PROVIDE LOUVER. SEE 3/A650.
- WS18 FILL IN FLOOR WITH METAL DECKING AND CONCRETE. SEE SIMILAR DETAIL 9/A500. PATCH AND PAINT WALLS TO MATCH EXISTING.

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S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

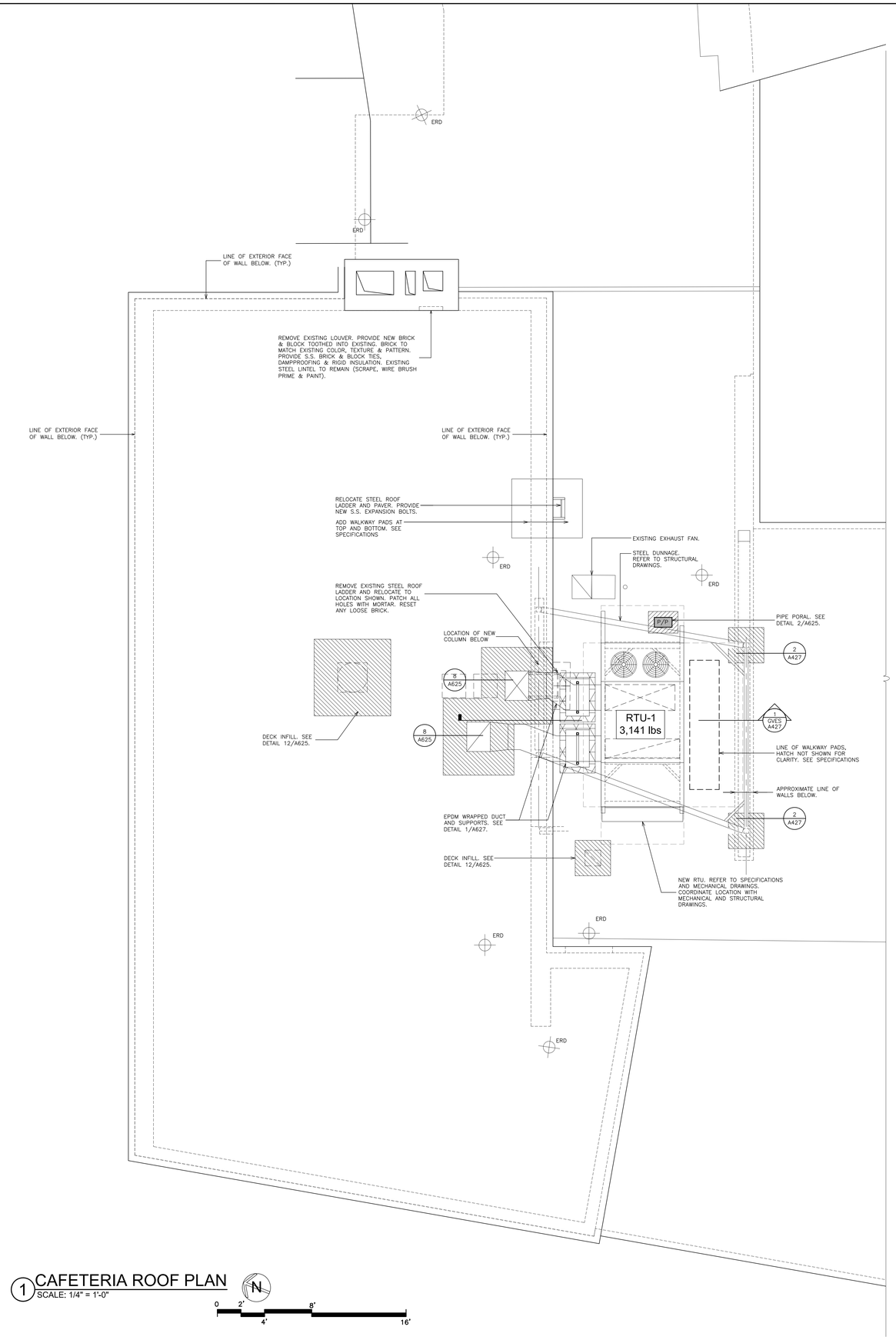
PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
ADDITIONS AND RELATED WORK
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
CAFETERIA PLAN & INTERIOR ELEVATIONS

01-06-2023	B I D
DATE	ISSUED TO
SHEET SIZE 30"x42"	DRAWING NO. GVES A151
SCALE AS NOTED	
DRAWN BY F & D	FILE NO. 21434.01

PLOT DATE: January 05, 2023 - 9:36am

FILE: I:\21434.01 Edgemont Greenville Cafeteria Renovation\DRAWINGS\CURRENT\1-F&D\GVES-A101 151.dwg



1 CAFETERIA ROOF PLAN
SCALE: 1/4" = 1'-0"

N

0 2' 4' 8' 16'

NOTES:

1. CONTRACTOR TO COORDINATE PLATFORM DIMENSIONS WITH RTU & ERU MANUFACTURER'S CUTS.
2. DUNNAGE STEEL TO BE GALVANIZED.
3. SUBMIT SHOP DRAWINGS WITH FIELD MEASURED DIMENSIONS.
4. SECURE EQUIPMENT TO DUNNAGE WITH MECHANICAL FASTENERS.
5. PROVIDE NEOPRENE PADS UNDER EQUIPMENT TO REDUCE VIBRATION.
6. COORDINATE FINAL LOCATION OF CU UNIT & DUNNAGE WITH EXISTING STRUCTURE, EXISTING ROOF DRAINS AND EXISTING ROOF EQUIPMENT.
7. ALL EXPOSED FASTENERS TO BE PRIMED AND PAINTED.
8. EXISTING ROOFING & INSULATION TO REMAIN EXCEPT WHERE SHOWN TO BE REMOVED & REPLACED TO INSTALL NEW EQUIPMENT OR TO INFILL WHERE EXISTING EQUIPMENT IS BEING REMOVED. EXISTING EPDM ROOFS ARE UNDER WARRANTY PERFORM ALL WORK IN ACCORDANCE WITH EXISTING MEMBRANE MANUFACTURE'S REQUIREMENTS TO MAINTAIN THE EXISTING WARRANTY INTACT.
9. CONTRACTOR TO PROTECT EXISTING ROOF(S) DURING CONSTRUCTION. CONTRACTOR TO PROVIDE 1" RIDGE INSULATION AND 1/2" EXTERIOR PLYWOOD, WEIGH DOWN W/ SAND BAGS. ROOF PROTECTION AT ALL WORK AREAS. CONTRACTOR TO LIMIT ROOF TRAFFIC ON EXISTING ROOFS.
10. CONTRACTOR TO MAINTAIN WATER TIGHTNESS OF BUILDING AT ALL TIMES.
11. ALL CONNECTION TO BE FILLET WELDS TO BE MINIMUM 1/4" CONTINUOUS. UNLESS NOTED OTHER WISE

ROOF LEGEND

- P/P — PIPE PORTAL. SEE DETAIL 2/A625.
- NEW ROOFING, INSULATION & INFILL. REFER TO DETAIL 1/A625
- ADD NEW WALKWAY PADS. PROVIDE 20 L.F. OF WALKWAY PADS TO BE LOCATED IN FIELD
- ERD — EXISTING ROOF DRAIN

ROOF NOTES:

1. DIMENSIONS AND CONDITIONS ON THE ROOF PLAN AND DETAILS ARE APPROXIMATE AND MUST BE CONFIRMED BY THE CONTRACTOR.
2. COVER & PROTECT ALL DRAIN OPENINGS AT THE BEGINNING OF EACH WORK DAY. REMOVE THE COVERS AT THE END OF EACH DAY AND BEFORE PRECIPITATION OCCURS.
3. INSTALL NEW WALKWAY PADS WHERE SHOWN ON THE ROOF PLAN.
4. PATCH AND/OR REPLACE EXISTING ROOFING AFFECTED BY NEW NEW WORK. WORK SHALL BE COMPATIBLE WITH EXISTING ROOFING SYSTEM AND PERFORMED BY INSTALLERS ACCEPTABLE TO THE ROOFING MANUFACTURE, SO AS NOT TO VOID ANY EXISTING ROOFING WARRANTIES. REFER TO GENERAL REMOVAL NOTES ON DWG G-1 FOR ADDITIONAL INFORMATION.
5. PROVIDE CRICKET (¼"/FT. SLOPE) TO DIVERT WATER AWAY FROM CURBS. TYPICAL AT ALL NEW SKYLIGHTS AND ROOF MOUNTED EQUIPMENT.
6. REFER TO M/E/P FOR COORDINATION AND ADDITIONAL INFORMATION.
7. PROVIDE 20 L.F. OF WALKWAY PADS. LOCATION TO BE DETERMINED IN FIELD.

ROOF PROTECTION NOTES:

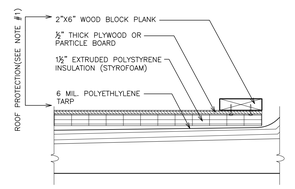
1 PROTECTION SHALL EXTEND A MINIMUM OF 10 FEET IN ALL DIRECTIONS AROUND THE WORK AREA INCLUDING MATERIAL TRANSPORTATION ROUTE(S). PROTECTION SHALL CONSIST OF A POLYETHYLENE TARP (6 MIL.), COVERED WITH A LAYER OF ½ INCH THICK EXTRUDED POLYSTYRENE INSULATION (STYROFOAM), AND ½ INCH PLYWOOD OR PARTICAL BOARD.

a. SECURE THE PLYWOOD OR OSB BOARDS TO PERIMETER PLANKING, WEIGHTED WITH BAGS OF GRAVEL (DOUBLE BAGGED TO PREVENT SPILLAGE) AS NEEDED TO PREVENT BLOW OFF AND/OR DISPLACEMENT.

b. COVER JOINTS BETWEEN ADJOINING BOARDS WITH A PEEL AND STICK TYPE MEMBRANE (WR GRACE ICE AND WATER SHIELD OR EQUAL) TO SECURE THE BOARDS AND KEEP THE JOINTS FLUSH.

c. REPLACE DAMAGED SECTIONS OF PROTECTION AND MAINTAIN THE ROOF PROTECTION SYSTEM IN PLACE UNTIL ALL ROOF TOP WORK, BY ALL TRADES, IS COMPLETE.

d. REMOVE THE PROTECTION SYSTEM WHEN ROOF TOP WORK IS COMPLETE AND THERE WILL BE NO MORE CONSTRUCTION TRAFFIC, THEN CAREFULLY POWER WASH AND INSPECT THE ROOF MEMBRANE/COATING. REPAIR ANY MINOR DEFECTS; REPLACE PORTIONS OF THE ROOFING SYSTEM WHERE LEAKAGE HAS OCCURED DESPITE THE PROTECTION AND ROOF INSULATION IS WET, AND RECOAT THE EFFECTED AREA.



2 DETAIL - ROOF PROTECTION
SCALE: 1 1/2" = 1'-0"

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S.E.D. CONTROL NUMBER:
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66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

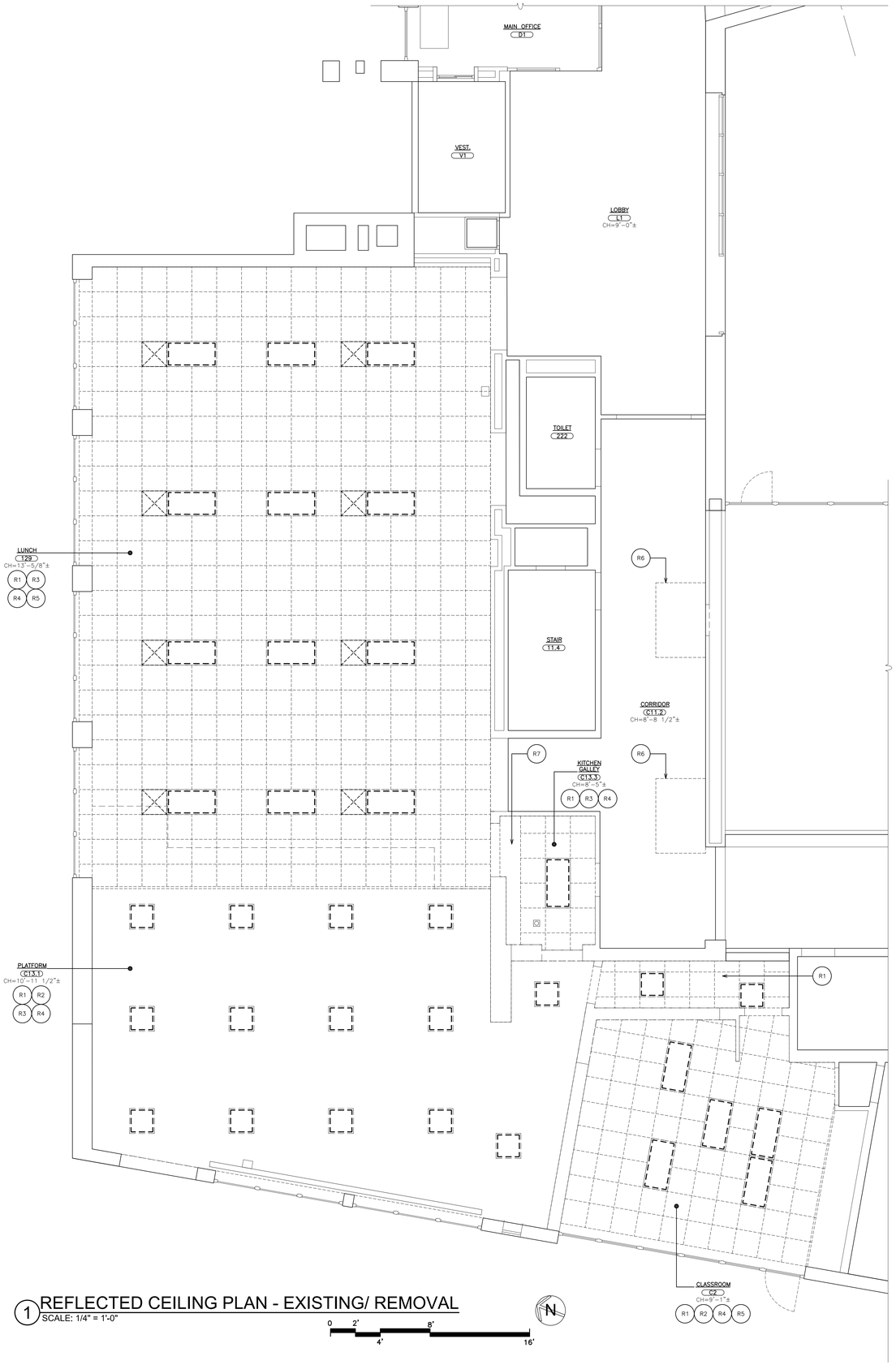
PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
CAFETERIA RENOVATION AND RELATED WORK
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
PARTIAL ROOF PLAN

01-06-2023	B I D
DATE	ISSUED TO
SHEET SIZE 30"x42"	DRAWING NO. GVES A152
SCALE AS NOTED	
DRAWN BY F & D	FILE NO. 21434.01

PLOT DATE: January 05, 2023 - 9:38am

FILE: I:\21434.01 Edgemont Greenville Cafeteria Renovation\DRAWINGS\CURRENT\1-F&D\GVES-A102 152.dwg



1 REFLECTED CEILING PLAN - EXISTING/ REMOVAL
SCALE: 1/4" = 1'-0"

0 2' 4' 8' 16'

N

REMOVAL NOTES:

R1 REMOVE EXISTING SUSPENDED CEILING ASSEMBLY (2x4 OR 2x2), SUSPENSION SYSTEM, PANELS, WALL ANGLES, SEISMIC TIES AND ALL RELATED ITEMS. COORDINATE WORK WITH E-CONTRACTOR. PATCH ALL DISTURBED SURFACES TO MATCH EXISTING ADJACENT SURFACES.

R2 REMOVE EXISTING CEILING & EXISTING PLASTER CEILING ASSEMBLY INCLUDING HANGERS, BLACK IRON, PANELS AND ASSOCIATED ITEMS.

R3 REMOVAL OF EXISTING LIGHT FIXTURE BY ELECTRICAL CONTRACTOR.

R4 REMOVAL OF EXISTING CEILING MOUNTED DEVICES. BY ELECTRICAL CONTRACTOR

R5 REMOVAL OF EXISTING AIR GRILLES BY MECHANICAL CONTRACTOR.

R6 APPROXIMATE LOCATION OF CEILING REMOVALS IN ORDER TO ACCESS AREA TO INSTALL NEW STEEL COLUMN.

R7 REMOVE EXISTING SOFFIT.

COORDINATE ALL REMOVALS WITH ASBESTOS AND LEAD ABATEMENT DRAWINGS AND SPECIFICATIONS.

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PROJECT TITLE
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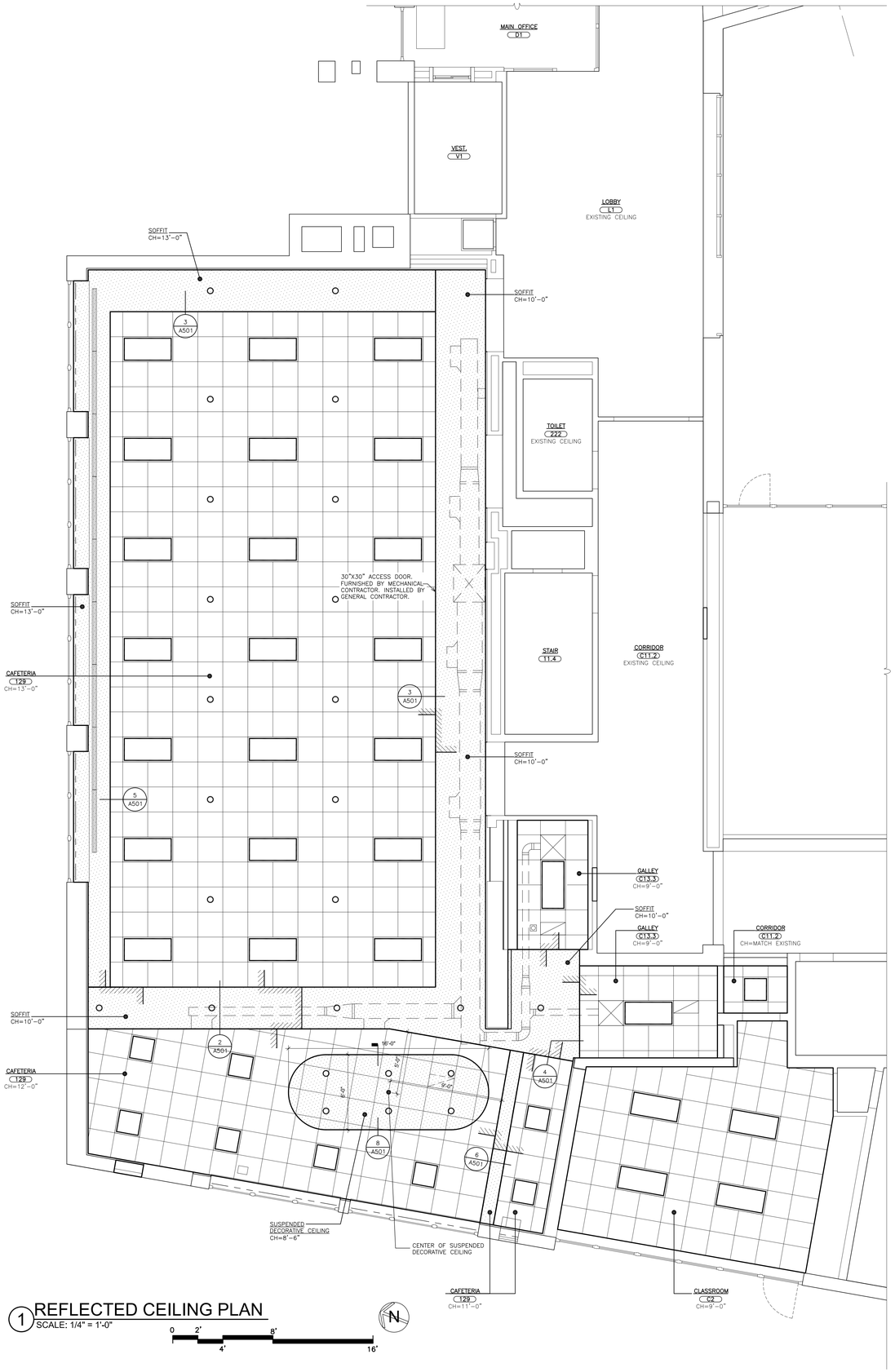
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
GENERAL RENOVATION AND RELATED WORK
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
GREENVILLE ELEMENTARY SCHOOL
REFLECTED CEILING PLAN
EXISTING/REMOVAL

01-06-2023	B I D
DATE	ISSUED TO
SHEET SIZE: 30"x42"	DRAWING NO.: GVES AR200
SCALE: AS NOTED	
DRAWN BY: F & D	FILE NO.: 21434.01

PLOT DATE: January 05, 2023 - 9:40am

FILE: I:\21434.01 Edgemont Greenville Cafeteria Renovation\DRAWINGS\CURRENT\1-F&D\GVES-A200.dwg



1 REFLECTED CEILING PLAN
SCALE: 1/4" = 1'-0"

0 2' 4' 8' 16'

CEILING LEGEND

- 2'x2' RECESSED MOUNTED LIGHT FIXTURE
- 2'x4' RECESSED MOUNTED LIGHT FIXTURE
- RECESSED CAN LIGHT FIXTURE
- SURFACE MOUNTED LIGHT FIXTURE
- PENDANT LIGHT FIXTURE
- WALL MOUNTED LIGHT FIXTURE
- GYPSUM BOARD SOFFIT
- METAL PANEL SOFFIT
- SPRINKLER HEAD. REFER TO SPRINKLER DRAWINGS
- FIRE ALARM SMOKE DETECTOR
- CEILING SPEAKER
- EF — EXHAUST FAN, SEE MECHANICAL DWGS.
- CEILING REGISTER. SIZE VARIES. SEE MECHANICAL DRAWINGS.
- CEILING DIFFUSER. SIZE VARIES. SEE MECHANICAL DRAWINGS.
- AIR HANDLING UNITS. SEE MECHANICAL DRAWINGS.
- UNIT HEATER. SEE MECHANICAL DRAWINGS.
- CEILING MOUNTED EXIT SIGN W/ DIRECTIONAL ARROW
- WALL MOUNTED EXIT SIGN W/ DIRECTIONAL ARROW
- 2'x2' OR 2'x4' ACOUSTICAL CEILING TILE AND SUSPENSION SYSTEM

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S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-027
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

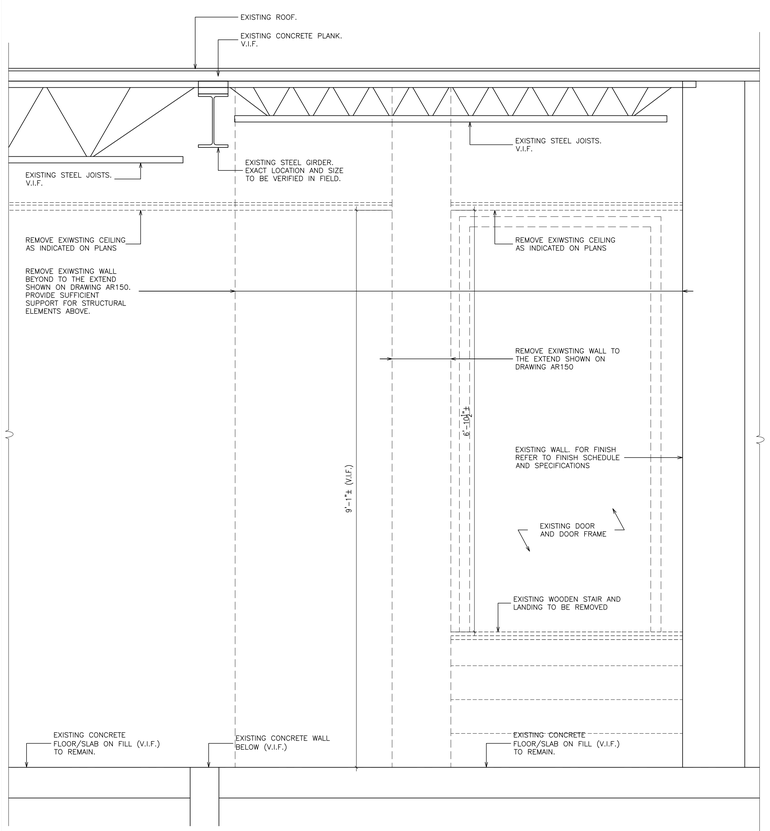
PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE RENOVATIONS AND RELATED WORK
GREENVILLE ELEMENTARY SCHOOL
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
GREENVILLE ELEMENTARY SCHOOL
REFLECTED CEILING PLAN

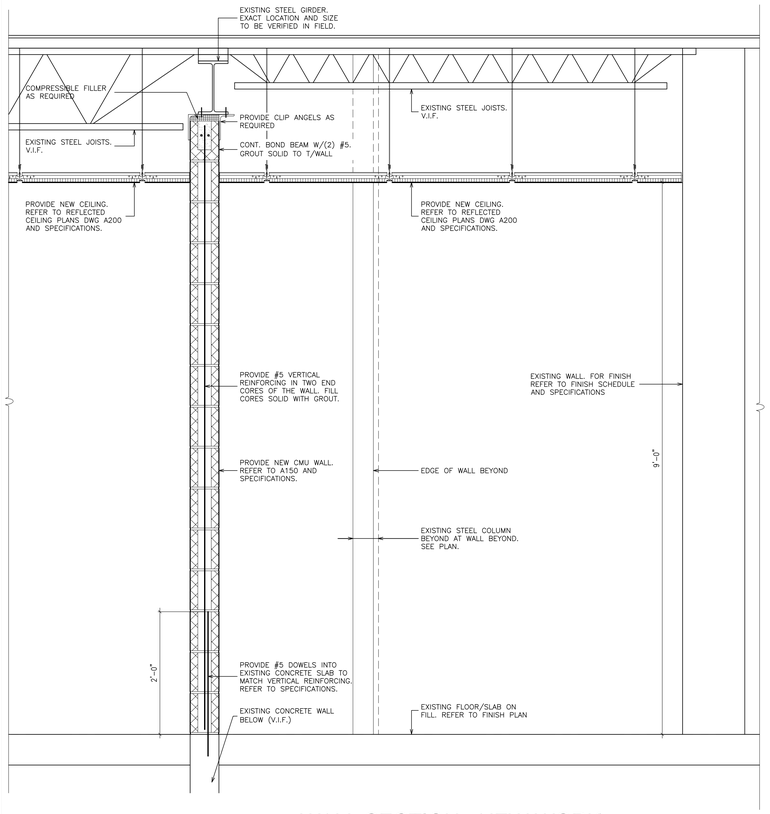
01-06-2023	B I D
DATE	ISSUED TO
SHEET SIZE 30"x42"	DRAWING NO. GVES A200
SCALE AS NOTED	
DRAWN BY F & D	FILE NO. 21434.01

PLOT DATE: January 05, 2023 - 9:40am

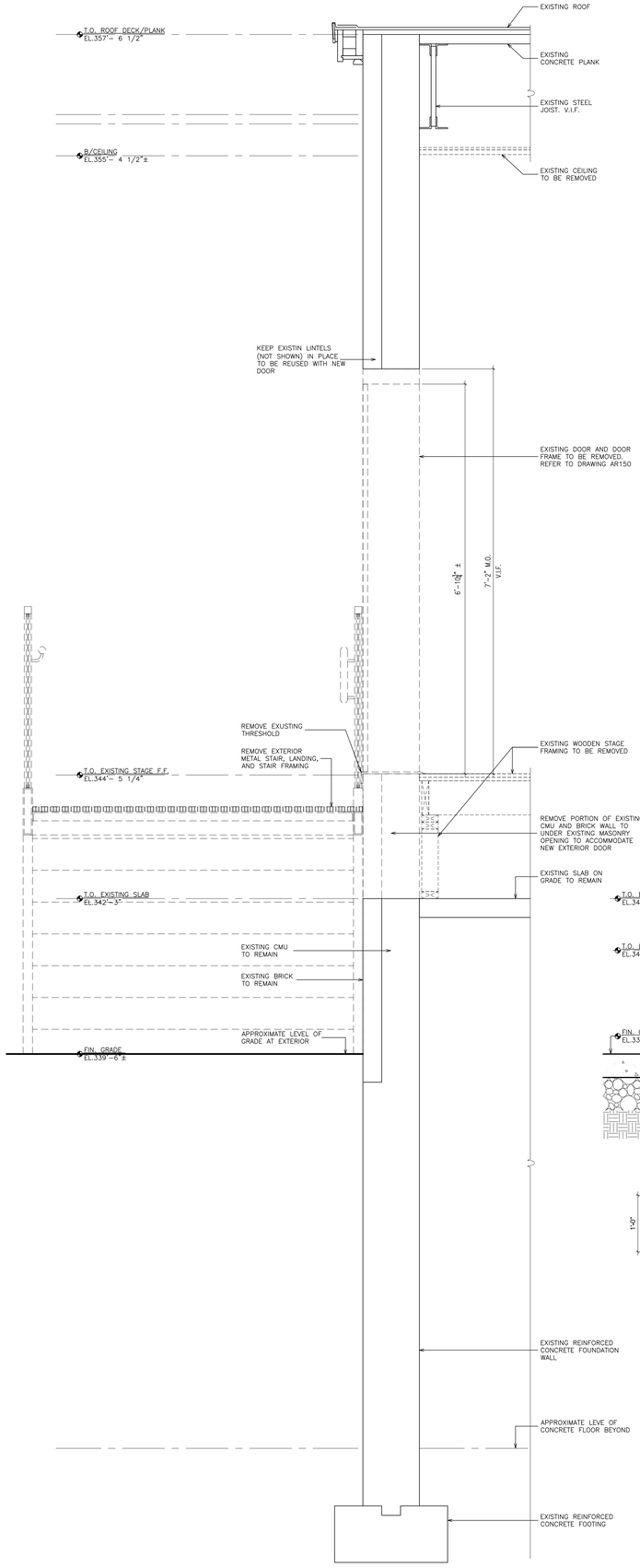
FILE: I:\21434.01 Edgemont Greenville Cafeteria Renovation\DRAWINGS\CURRENT\1-F&D\GVES-A200.dwg



3 WALL SECTION - REMOVALS
SCALE: 1" = 1'-0"

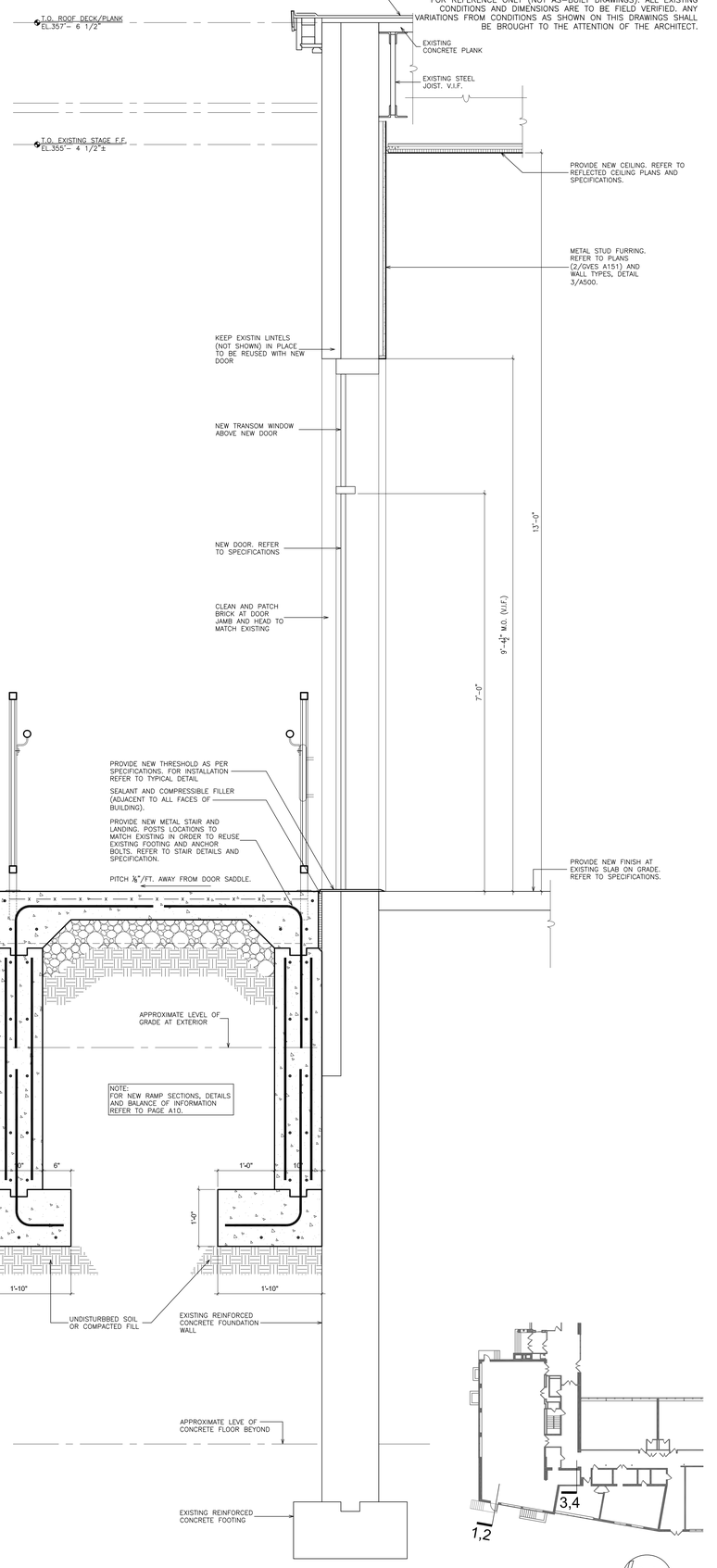


4 WALL SECTION - NEW WORK
SCALE: 1" = 1'-0"



2 WALL SECTION - REMOVALS
SCALE: 1" = 1'-0"

NOTE: EXISTING CONDITIONS OF CONSTRUCTION SHOWN ON THIS DRAWINGS ARE BASED ON DRAWINGS PROVIDED BY OWNER TO F&D FOR REFERENCE ONLY (NOT AS–BUILT DRAWINGS). ALL EXISTING CONDITIONS AND DIMENSIONS ARE TO BE FIELD VERIFIED. ANY VARIATIONS FROM CONDITIONS AS SHOWN ON THIS DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.



1 WALL SECTION - NEW WORK
SCALE: 1" = 1'-0"

KEY PLAN
N.T.S.

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S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-027
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
CAFETERIA RENOVATION AND RELATED WORK
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
SECTIONS

01-06-2023	B I D
DATE	ISSUED TO
SHEET SIZE 30"x42"	DRAWING NO. GVES A425
SCALE AS NOTED	
DRAWN BY F & D	FILE NO. 21434.01

PLOT DATE: January 05, 2023 – 9:41am

FILE: I:\21434.01 Edgemont Greenville Cafeteria Renovation\DRAWINGS\CURRENT\1–F&D\GVES–A425 426 427.dwg

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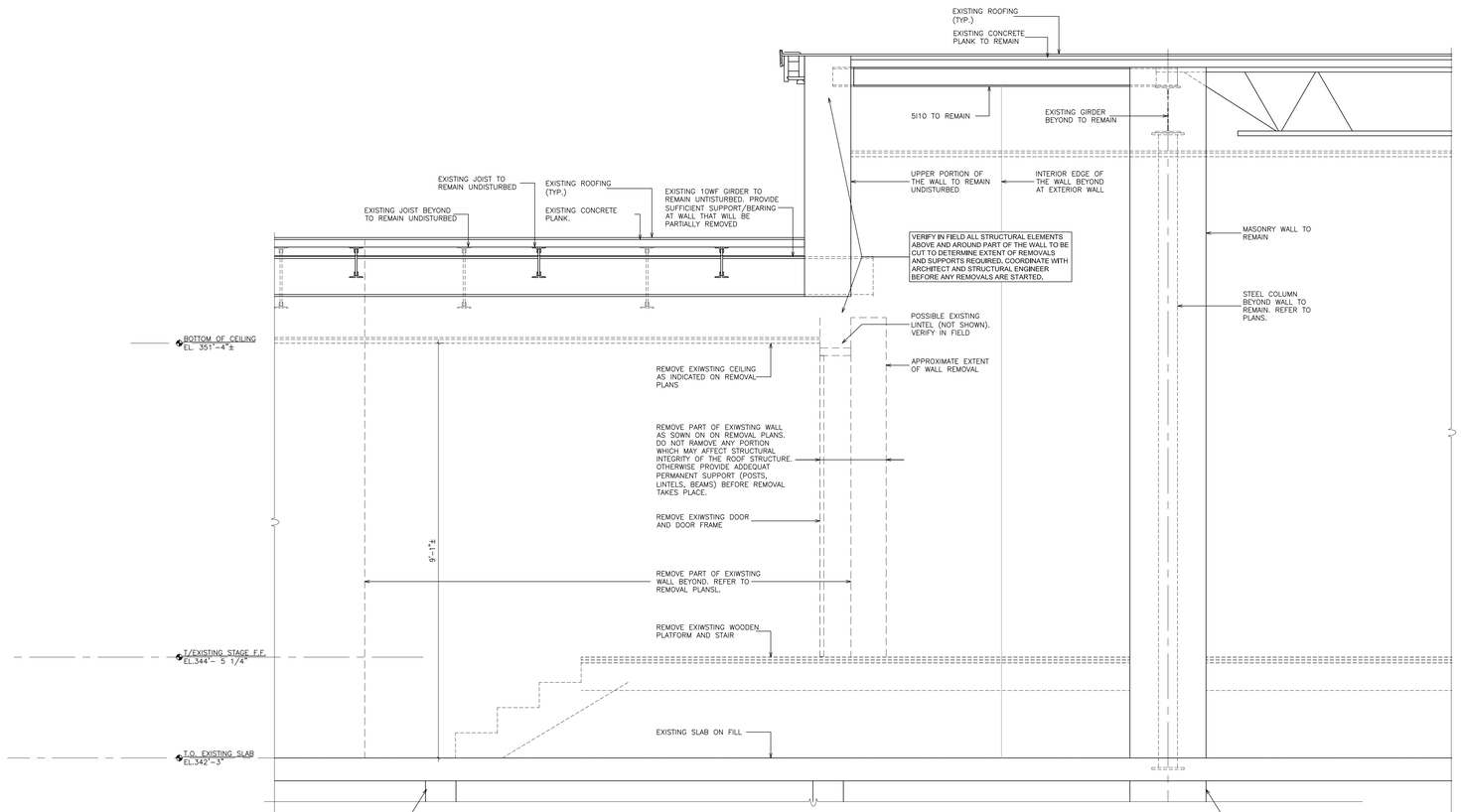
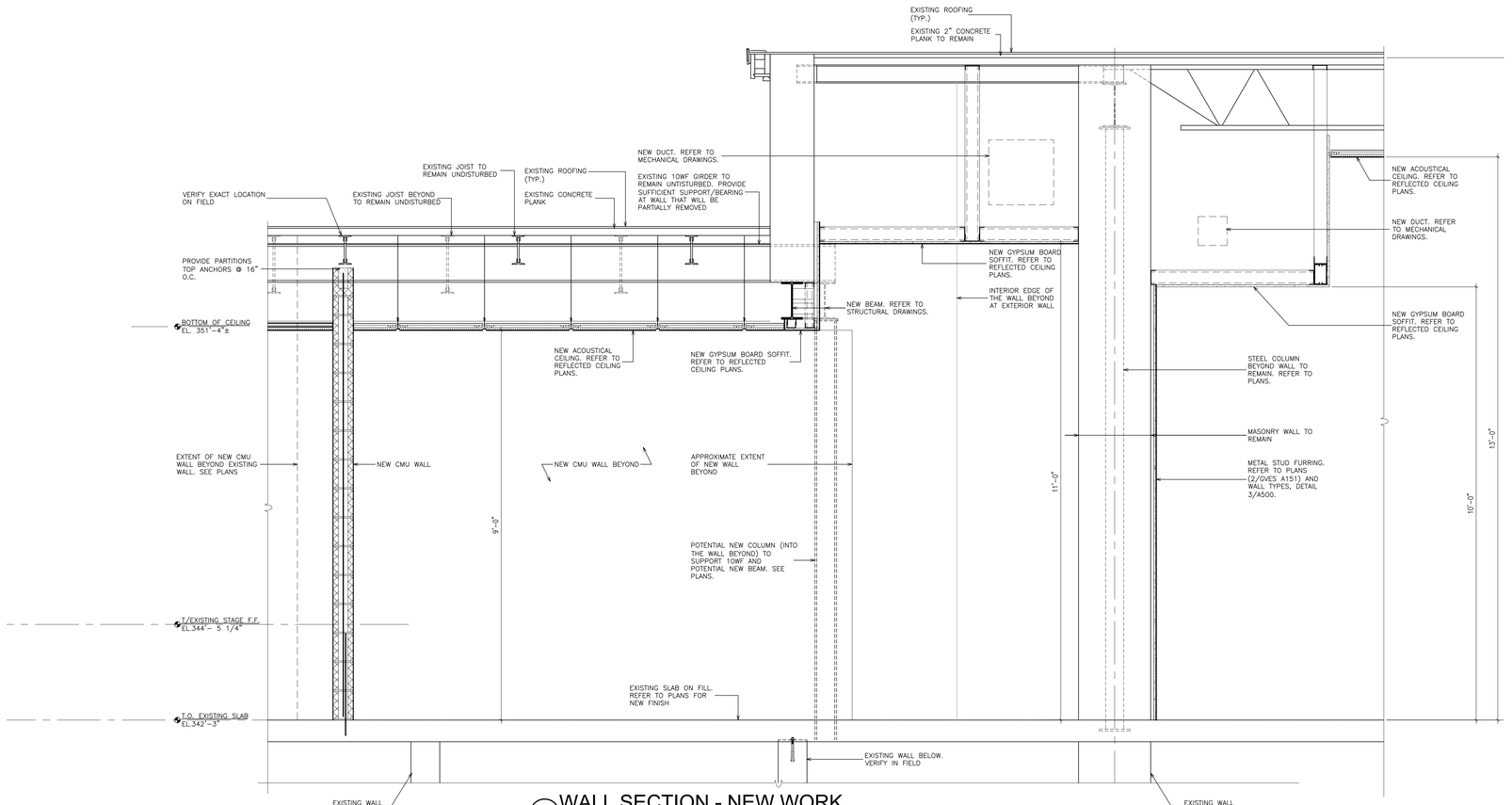
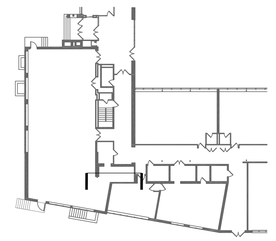


5 WALL SECTION - REMOVALS
SCALE: 3/4" = 1'-0"



6 WALL SECTION - NEW WORK
SCALE: 3/4" = 1'-0"

5,6



KEY PLAN
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S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021

SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE RENOVATION AND RELATED WORK
GREENVILLE, NEW YORK 10532
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
SECTIONS

01-06-2023	B I D
DATE	ISSUED TO
SHEET SIZE 30"x42"	DRAWING NO. GVES A426
SCALE AS NOTED	
DRAWN BY F & D	FILE NO. 21434.01

PLOT DATE: January 05, 2023 - 9:41am

FILE: I:\21434.01 Edgemont Greenville Cafeteria Renovation\DRAWINGS\CURRENT\1-F&D\GVES-A425 426 427.dwg

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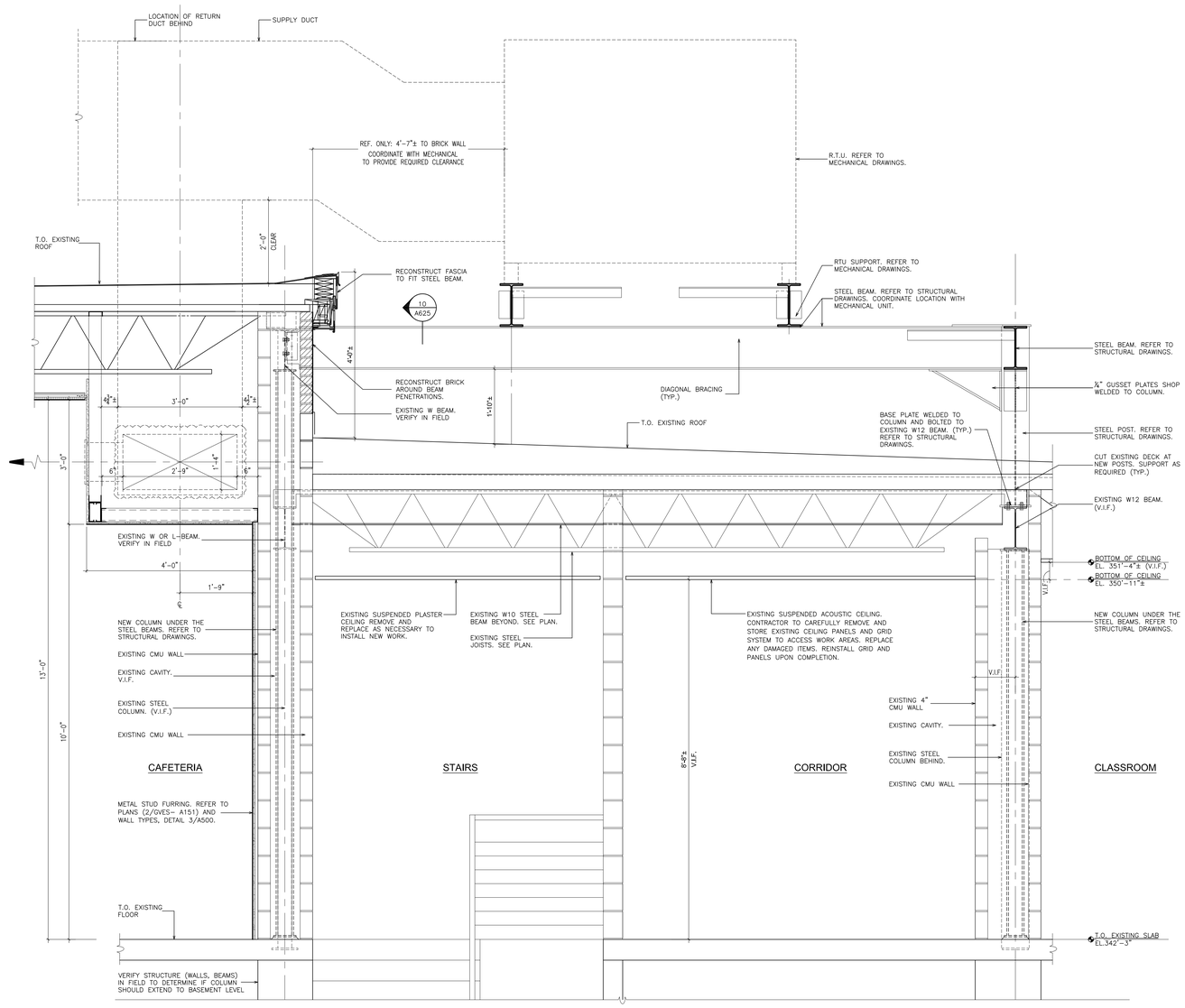
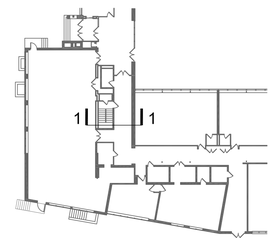


1 PARTIAL BUILDING SECTION
SCALE: 3/4" = 1'-0"

NOTES:
- NEW HSS 6X6X⅜ STEEL DUNNAGE POST ON TOP OF EXISTING COLUMN.
- EXISTING ROUND STEEL COLUMN BELOW. BELOW EXISTING WF BEAM.
- VERIFY FIELD CONDITIONS PRIOR FABRICATION AND INSTALLATION.
- PROVIDE MOMENT CONNECTION TO NEW BEAMS



KEY PLAN
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S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
ADDITION AND RELATED WORK
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
SECTIONS

01-06-2023	B I D
DATE	ISSUED TO

SHEET SIZE: 30"x42"	DRAWING NO.: GVES A427
SCALE: AS NOTED	
DRAWN BY: F & D	FILE NO.: 21434.01

PLOT DATE: January 05, 2023 - 9:42am

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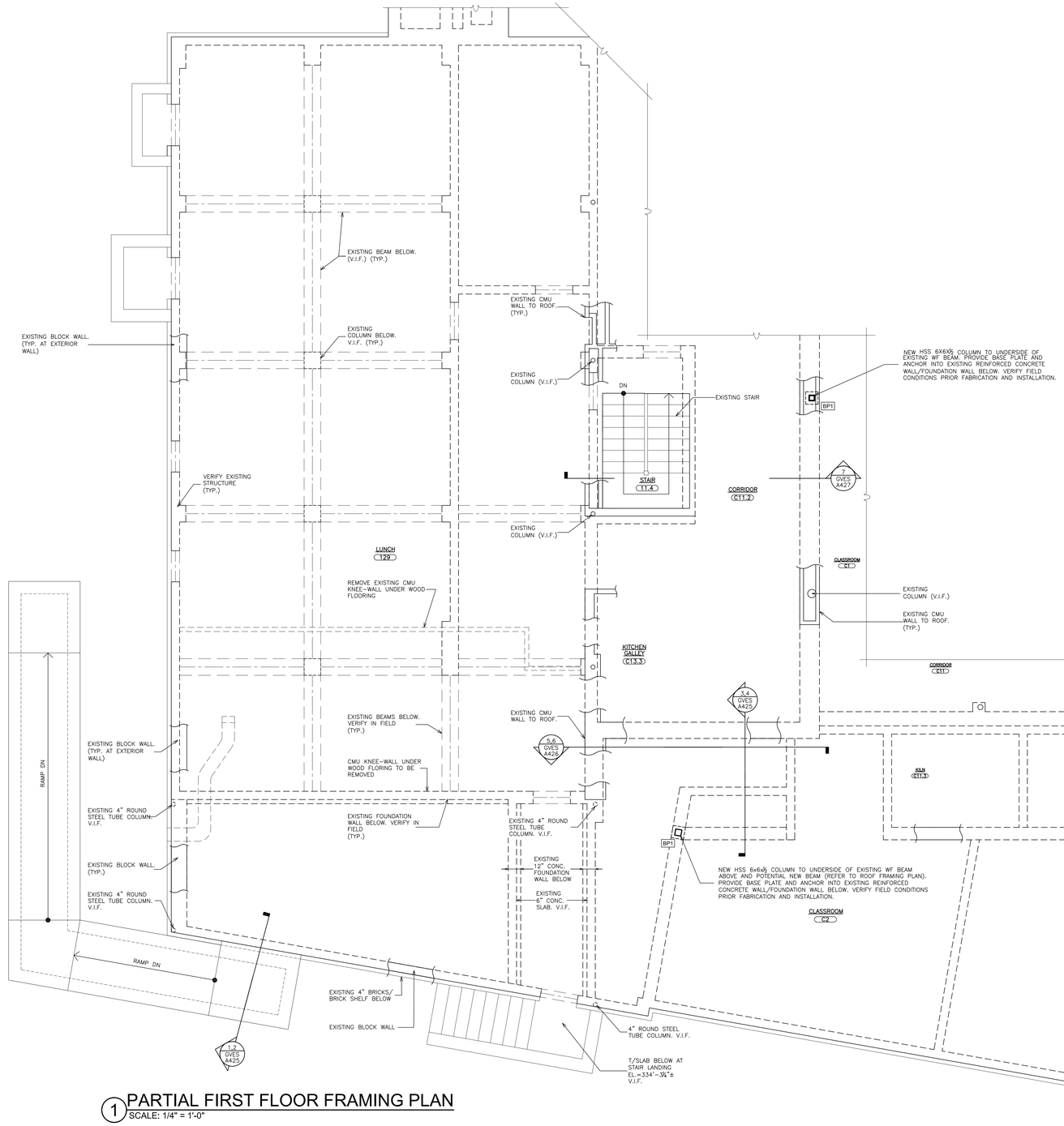
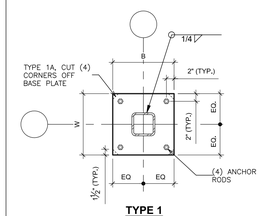


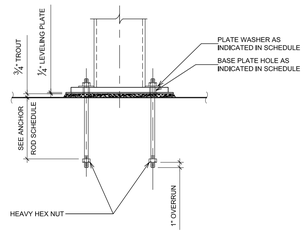
1 PARTIAL FIRST FLOOR FRAMING PLAN
SCALE: 1/4" = 1'-0"

NOTE:
ALL STRUCTURAL ELEMENTS, SIZES, AND LOCATION ARE TO BE VERIFIED IN FIELD BY CONTRACTOR BEFORE ANY REMOVALS OR RENOVATION WORK IS DONE. (TYP.)



TYPE 1

2 / S150 BASE PLATE DETAIL
NOT TO SCALE



3 / S150 COLUMN BASE DETAIL
NOT TO SCALE

BASE PLATE SCHEDULE					
MARK	TYPE	B	H	THICKNESS	ANCHOR ROD MARK
AR1	1	12"	12"	3/4"	AR1

ANCHOR ROD SCHEDULE					
MARK	ANCHOR ROD DIAMETER	GRADE	EMBED DEPTH	BASE PLATE HOLE DIAMETER	MINIMUM WASHER DIMENSIONS
AR1	3/4"	36	1'-0"	1 5/16"	1/4"x2"

NOTE:
PROVIDE ANCHOR RODS IN ACCORDANCE WITH ASTM F1554.

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S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
ADDITION AND RENOVATIONS AND RELATED WORK
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
PARTIAL FIRST FLOOR FRAMING PLAN

01-06-2023	B I D
DATE	ISSUED TO
SHEET SIZE 30"x42"	DRAWING NO. GVES S1
SCALE AS NOTED	
DRAWN BY F & D	FILE NO. 21434.01

PLOT DATE: January 05, 2023 - 9:42am

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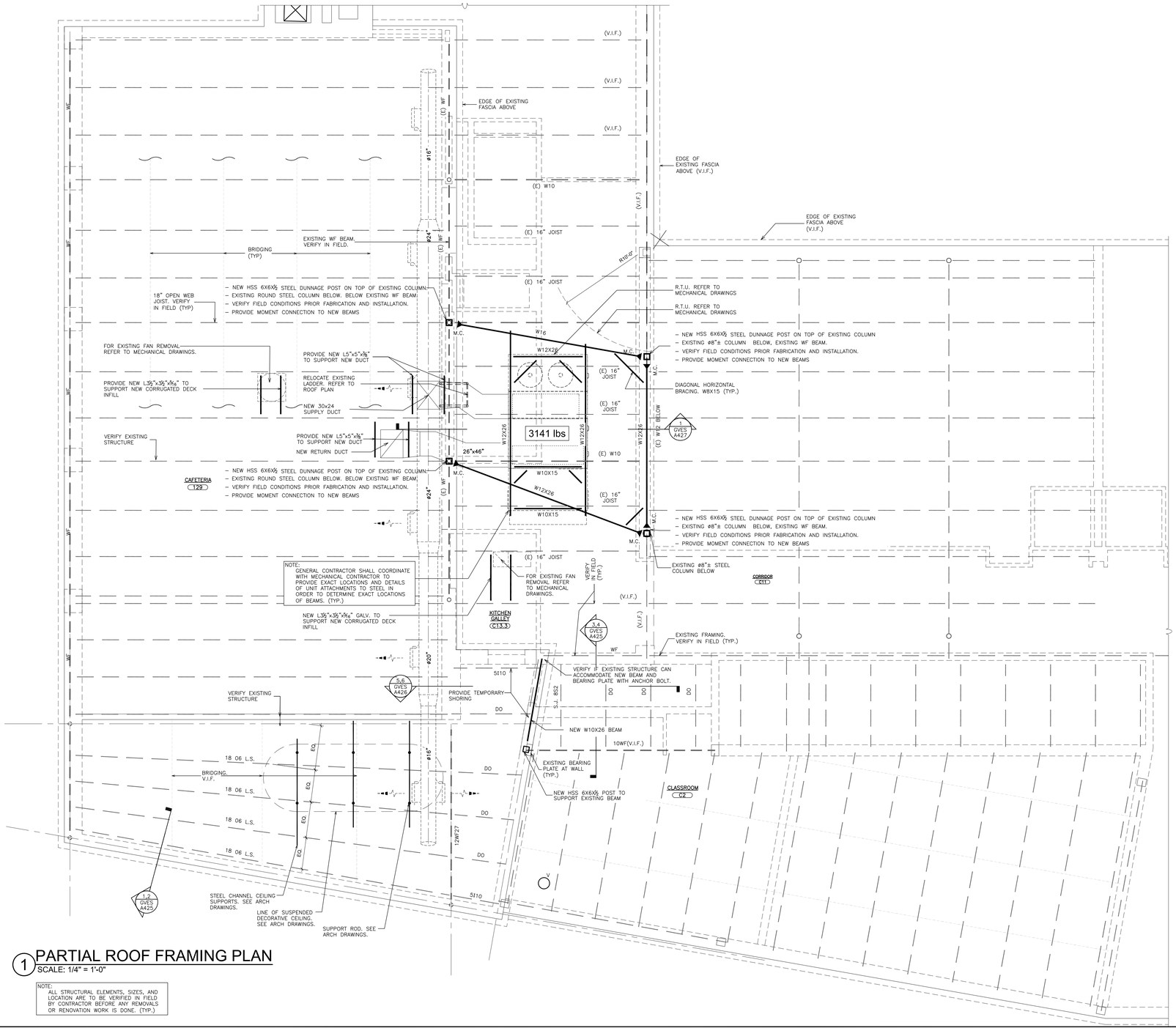

1 PARTIAL ROOF FRAMING PLAN
SCALE: 1/4" = 1'-0"

NOTE:
ALL STRUCTURAL ELEMENTS, SIZES, AND LOCATION ARE TO BE VERIFIED IN FIELD BY CONTRACTOR BEFORE ANY REMOVALS OR RENOVATION WORK IS DONE. (TYP.)

LEGEND (FRAMING)

- STEEL STRUCTURE (EXISTING)
- STEEL STRUCTURE (NEW)
- STEEL DECK DIRECTION (NEW)

DUNNAGE NOTES

1. CONTRACTOR TO COORDINATE PLATFORM DIMENSIONS WITH MECHANICAL CONTRACTOR.
2. ALL COMPONENTS HOT DIPPED GALVANIZED.
3. STEEL TO CONFORM WITH ASTM A997 GRADE 50. POST TO CONFORM WITH ASTM A500.
4. BOLTS TO BE GALVANIZED 3/4"ø A325 WITH GALVANIZED WASHERS. WELDS TO UTILIZE E70XX ELECTRODES.
5. SECURE EQUIPMENT TO DUNNAGE WITH MECHANICAL FASTENERS.
6. COORDINATE FINAL LOCATION OF MECHANICAL EQUIPMENT & DUNNAGE WITH EXISTING STRUCTURE.
7. SUBMIT SHOP DRAWINGS WITH FIELD MEASURED DIMENSIONS.
8. CONTRACTOR TO PROTECT EXISTING ROOF(S) DURING CONSTRUCTION. CONTRACTOR TO PROVIDE 1" RIDGE INSULATION AND 1/2" EXTERIOR PLYWOOD, WEIGH DOWN W/ SAND BAGS. ROOF PROTECTION AT ALL WORK AREAS. CONTRACTOR TO LIMIT ROOF TRAFFIC ON EXISTING ROOFS.
9. ALL CONNECTIONS TO BE FILLET WELDS TO BE MINIMUM 1/4" CONTINUOUS. UNLESS NOTED OTHER WISE.
10. PROVIDE WELDED SEATED CONNECTIONS AT BEAM TO COLUMN CONNECTION.
11. ALL CONNECTIONS SHALL BE DESIGNED BY N.Y.S. LICENSED PROFESSIONAL ENGINEER.

ALTERATIONS AND EXISTING CONDITIONS

1. WHERE EXISTING WORK IS TO BE CUT, CONTRACTOR SHALL PROVIDE ALL NEEDLING, SHORING, WELDING, AND DRY-PACKING AND SHALL BE RESPONSIBLE FOR THE SAFETY OF THE STRUCTURE DURING THE OPERATION.
2. ALL NEW OPENINGS IN EXISTING STRUCTURE SHALL BE SAW CUT. CORE DRILL AT CORNERS. DO NOT OVERCUT. REMOVAL OF EXCESS MATERIAL SHALL BE DONE BY HAND. ONLY ROTARY TOOLS SHALL BE USED.
3. ADD NEW FRAMING TO HEADER OFF EXISTING FRAMING TO CREATE PENETRATION FOR NEW WORK. **VERIFY EXISTING FRAMING MEMBERS AND SIZES AND ADVISE THE ARCHITECT IN WRITING BEFORE PROCEEDING WITH ANY WORK.** COORDINATE SIZES AND LOCATIONS OF PENETRATIONS WITH MECHANICAL CONTRACTOR. VERIFY OPERATING WEIGHTS OF EQUIPMENT USED WITH WEIGHTS INDICATED ON ROOF PLAN.
4. IF REQUIRED, CONTRACTOR SHALL SUBMIT SHORING DRAWINGS SIGNED AND SEALED BY A NEW YORK STATE LICENSED PROFESSIONAL ENGINEER.

GENERAL NOTES

1. DIMENSIONS AND CONDITIONS ON THE FRAMING PLANS AND DETAILS ARE APPROXIMATE AND MUST BE CONFIRMED BY CONTRACTOR AND SUBMITTED ON SHOP DRAWINGS.
2. ADD NEW FRAMING TO HEADER OFF EXISTING FRAMING AND TO CREATE ROOF PENETRATION FOR NEW ROOF MOUNTED EQUIPMENT. **VERIFY EXISTING FRAMING MEMBERS.** COORDINATE SIZES AND LOCATIONS OF PENTRATIONS WITH MECHANICAL CONTRACTOR. VERIFY OPERATING WEIGHTS OF EQUIPMENT USED WITH WEIGHTS INDICATED ON FRAMING PLANS.
3. REINFORCE ALL PENETRATIONS. SEE PLANS.
4. ALL NECESSARY TEMPORARY PROTECTION SHALL BE INSTALLED ON EXISTING BUILDING TO PREVENT DAMAGE TO FOUNDATION AND SUPER STRUCTURE DURING CONSTRUCTION OF NEW WORK.
5. DRAWINGS INDICATE GENERAL AND TYPICAL DETAILS OF CONSTRUCTION. WHERE CONDITIONS ARE NOT SPECIFICALLY SHOWN, SIMILAR DETAILS SHALL BE USED, SUBJECT TO ACCEPTANCE BY THE ARCHITECT.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REQUIRED SHORING. JOB SAFETY AND CONSTRUCTION PROCEDURES ARE ALSO THE SOLE RESPONSIBILITY OF THE CONTRACTOR. LACK OF COMMENT BY THE ARCHITECT IS NOT TO BE INTERCEPTED AS ACCEPTANCE OF THOSE ASPECTS OF THE WORK.
7. NO EQUIPMENT SHALL BE HUNG FROM BRACING OR STEEL DECK.
8. **CONTRACTOR SHALL FIELD VERIFY SIZES OF EXISTING BEAMS AND JOISTS SHOWN ON DRAWINGS AND ADVISE ARCHITECT IN WRITING. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL OF NEW WORK SHOWN.**
9. COORDINATE ALL WORK WITH OTHER PRIME CONTRACTORS.
10. PROVIDE TEMPORARY WEATHER PROTECTION AS NECESSARY.

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S.E.D. CONTROL NUMBER:
GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

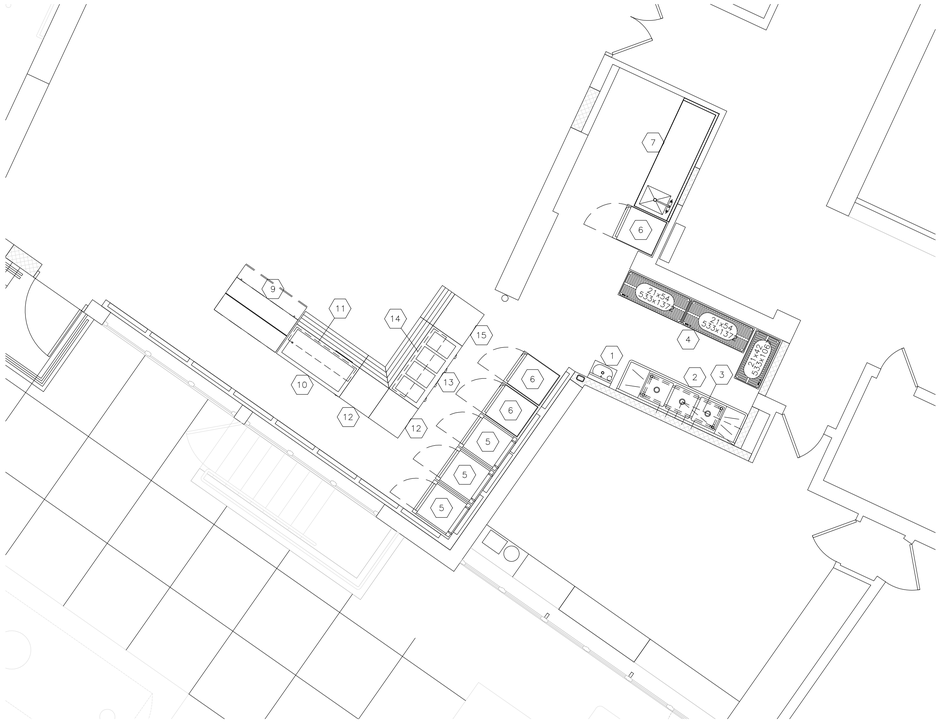
PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SELECTIVE DEMOLITION AND ASSOCIATED WORK
SEELY PLACE RENOVATION AND ADDITION
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
PARTIAL ROOF FRAMING PLAN

01-06-2023	B I D
DATE	ISSUED TO
SHEET SIZE 30"x42"	DRAWING NO. GVES S2
SCALE AS NOTED	
DRAWN BY F & D	FILE NO. 21434.01

PLOT DATE: January 05, 2023 - 9:43am

FILE: I:\21434.01 Edgemont Greenville Cafeteria Renovation\DRAWINGS\CURRENT\1-F&D\GVES-S1 S2.dwg



FOOD SERVICE EQUIPMENT PLAN
SCALE: 1/4"=1'-0"

EQUIPMENT SCHEDULE

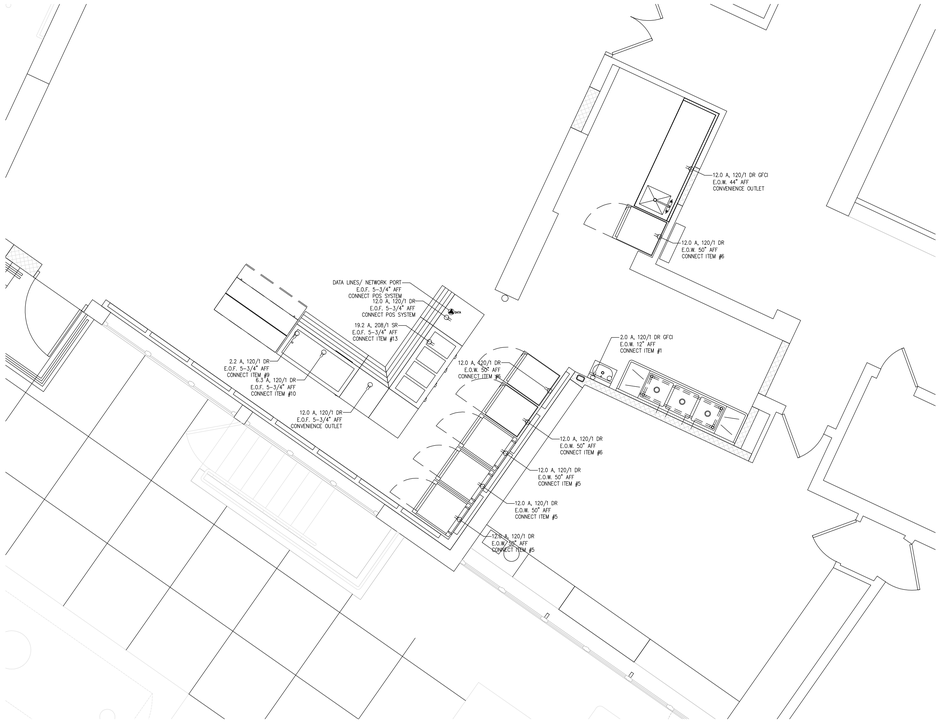
ITEM NO	EQUIPMENT CATEGORY	QTY	HOT WATER SIZE (IN)	COLD WATER SIZE (IN)	DIRECT DRAIN SIZE (IN)	INDIR. DRAIN SIZE (IN)	HP	KW	AMPS	PLUG	DIRECT	VOLTS	PHASE	NEMA	MANUFACTURER	MODEL NUMBER	EQUIPMENT REMARKS
1	HAND SINK, WALL MNTD.	1	1/2	1/2	1-1/2				2.0	X		120	1	5-15P	EAGLE GROUP/METAL MASTERS	HSA-10-FDPS	
2	3-COMPARTMENT SINK	1	1/2	1/2		1-1/2									EAGLE GROUP/METAL MASTERS	FN2060-3-18-14/3	
			1/2	1/2		1-1/2											
						1-1/2											
3	STORAGE SYSTEM, WALL MNTD.	1													EAGLE GROUP/ METAL MASTERS	WAL-STOR	
4	STORAGE SHELVING, PORTABLE	3													METRO	MQ21XXG	
5	CABINET, MOBILE, WARM/HOLD	3						1.5	12.0	X		120	1	5-15P	CRES COR	H137SUA12DSD	
6	CABINET, MOBILE, REFRIGERATED	3					0.33		12.0	X		120	1	5-15P	CRES COR	R171SUA10ESD	
7	WORK COUNTER W/ SINK	1	1/2	1/2		1-1/2									EMI NEW JERSEY	CUSTOM	
8	SPARE NUMBER	–															
9	MILK COOLER	1					0.33		2.2	X		120	1	5-15P	BEVERAGE-AIR	SM58HC-S	
10	COLD FOOD COUNTER, PORTABLE	1				1	0.33		6.3	X		120	1	5-15P	PIPER PRODUCTS	4-BCM	
11	FOOD PROTECTOR(S), ADJUSTABLE	1													PIPER PRODUCTS	CG	
12	FLAT TOP COUNTER, PORTABLE	1							12.0	X		120	1	5-15R	PIPER PRODUCTS	2-ST	
13	HOT FOOD COUNTER, PORTABLE	1				3/4		4.0	19.2	X		208	1	6-30P	PIPER PRODUCTS	4-HF	
14	FOOD PROTECTOR(S), ADJUSTABLE	1													PIPER PRODUCTS	CG	
15	CASHIER COUNTER, PORTABLE	1							12.0	X		120	1	5-15R	PIPER PRODUCTS	2-CD	

ELECTRICAL LEGEND	
JB	JUNCTION BOX
DR	DUPLEX RECEPTACLE
SR	SIMPLEX RECEPTACLE
E.O.W.	ELECTRICAL OUT OF WALL
E.O.F.	ELECTRICAL OUT OF FLOOR
D.F.A.	DOWN FROM ABOVE
AFF	ABOVE FINISHED FLOOR
BTC	BRANCH TO CONNECTION
A	AMPS
HP	HORSEPOWER
kW	KILOWATT
E.C.	ELECTRICAL CONTRACTOR

ELECTRICAL NOTES:

1) ALL WALL OUTLETS ARE FROM AFF TO BOTTOM OF BOX.

2) E.C. TO CHECK ALL CONDITIONS AND VERIFY ALL DIMENSIONS PRIOR TO WORK.



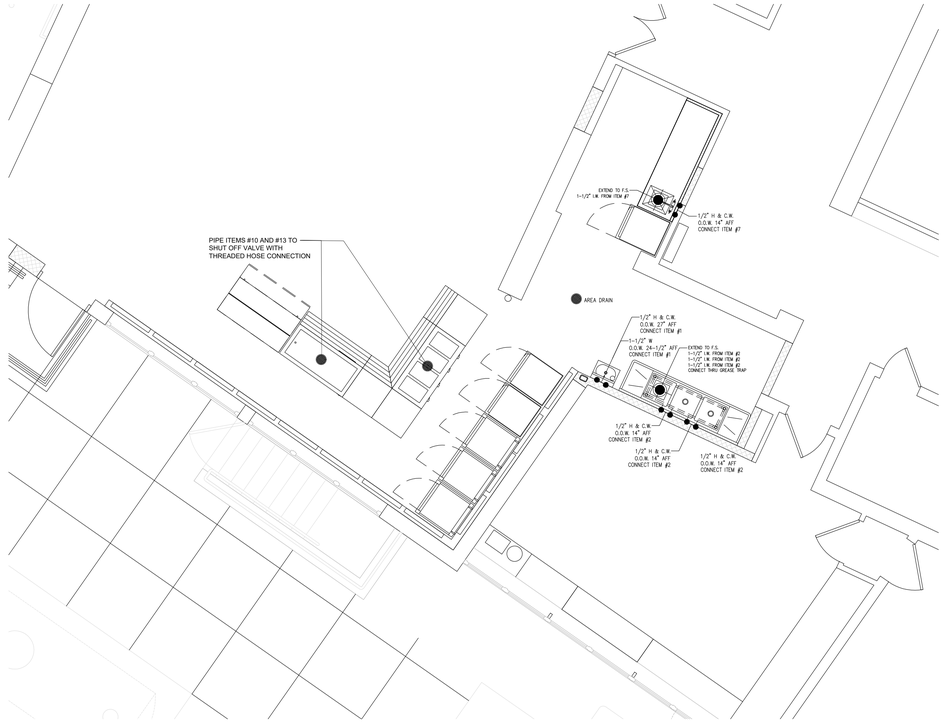
FOOD SERVICE ELECTRICAL CONNECTIONS PLAN
SCALE: 1/4"=1'-0"

PLUMBING LEGEND	
H.W.	HOT WATER
C.W.	COLD WATER
W	DIRECT WASTE
I.W.	INDIRECT WASTE
F.D.	FLOOR DRAIN
F.S.	FLOOR SINK
G	GAS
O.O.W.	OUT OF WALL
O.O.F.	OUT OF FLOOR
AFF	ABOVE FINISHED FLOOR
BTC	BRANCH TO CONNECTION
P.C.	PLUMBING CONTRACTOR

PLUMBING NOTES:

1) P.C. TO PROVIDE HUB DRAINS FOR ALL INDIRECT WASTE LINES AND RETAIN AIR GAPS AS REQUIRED.

2) P.C. TO CHECK ALL CONDITIONS AND VERIFY ALL DIMENSIONS PRIOR TO WORK.



FOOD SERVICE PLUMBING CONNECTIONS PLAN
SCALE: 1/4"=1'-0"

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S.E.D. CONTROL NUMBER:
GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

DRAWING TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL - RENOVATIONS AND ADDITIONS/ALTERED WORK
SEELY PLACE ELEMENTARY SCHOOL - RENOVATIONS AND ADDITIONS/ALTERED WORK
PHASE 1 - HVAC & CAFETERIA

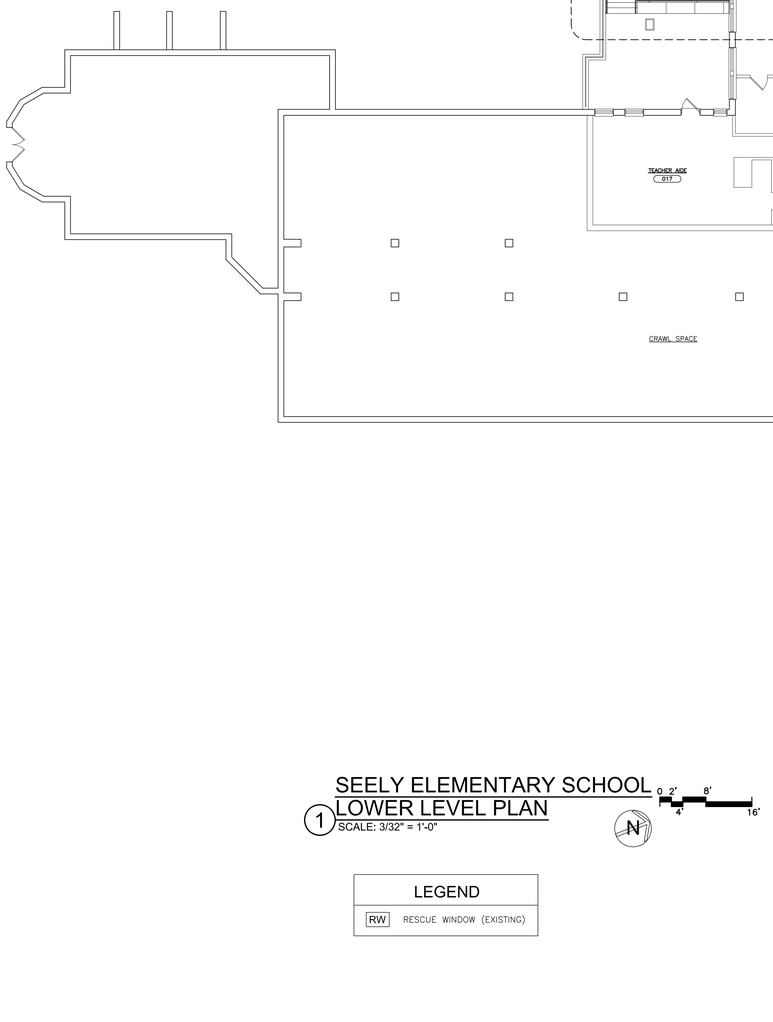
DRAWING TITLE
FOOD SERVICE EQUIPMENT PLAN, SCHEDULE & NOTES

DATE	ISSUED TO
01-06-23	BID

SHEET SIZE 30"x42"	DRAWING NO. GVES FS101
SCALE 1/4"=1'-0"	
DRAWN BY F & D	FILE NO. 21434.01

PLOT DATE: December 28, 2021 - 1:15pm

FILE: C:\Users\RRADesigns\Dropbox (RRA Designs)\RRA Server\data\Drafting\Drawings\Schools\Edgemont School District\Greenville ES\FS-ALL-Greenville ES.dwg



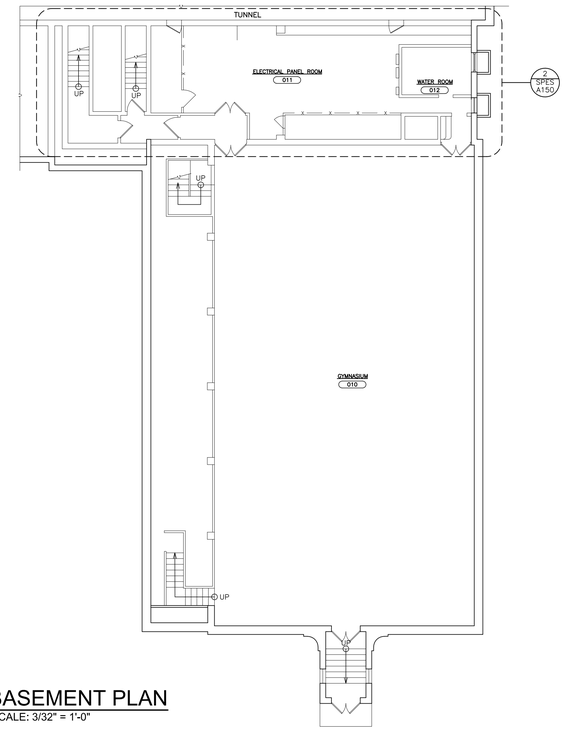
1 SPES A150

SEELY ELEMENTARY SCHOOL
1 LOWER LEVEL PLAN
SCALE: 3/32" = 1'-0"

0 2' 4' 8' 16'

N

LEGEND	
RW	RESCUE WINDOW (EXISTING)



2 BASEMENT PLAN
SCALE: 3/32" = 1'-0"

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S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE RENOVATION AND RELATED WORK
GREENVILLE ELEMENTARY SCHOOL
PHASE 1 - HVAC & CAFETERIA

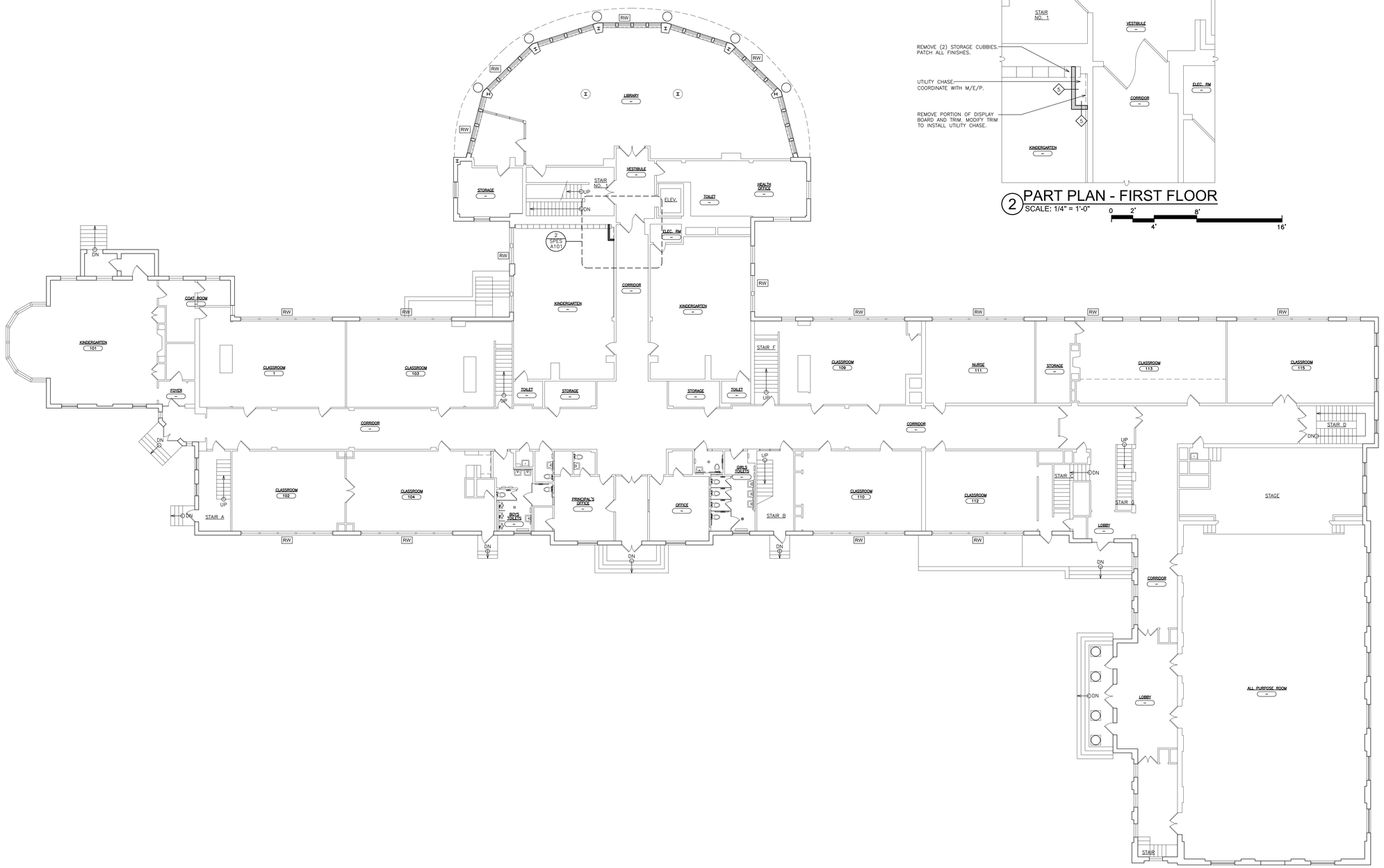
DRAWING TITLE
SEELY PLACE ELEMENTARY SCHOOL
BASEMENT & LOWER LEVEL FLOOR PLAN

01-06-2023	B I D
DATE	ISSUED TO

SHEET SIZE	DRAWING NO.
30"x42"	SPES A100
SCALE: AS NOTED	
DRAWN BY: F & D	FILE NO.: 21434.01

PLOT DATE: January 05, 2023 - 9:48am

FILE: I:\21434.01 Edgemont Greenville Cafeteria Renovation\DRAWINGS\CURRENT\1-F&D\SPES-A100-A102-A150.dwg



SEELY ELEMENTARY SCHOOL
FIRST FLOOR PLAN
1 SCALE: 3/32" = 1'-0"

0 2' 4' 8' 16'

N

LEGEND	
RW	RESCUE WINDOW (EXISTING)

PART PLAN - FIRST FLOOR
2 SCALE: 1/4" = 1'-0"

0 2' 4' 8' 16'

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GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
GREENBURGH CENTRAL SCHOOL
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
SEELY PLACE ELEMENTARY SCHOOL
FIRST FLOOR PLAN

01-06-2023	B I D
DATE	ISSUED TO
SHEET SIZE 30"x42"	DRAWING NO. SPES A101
SCALE AS NOTED	
DRAWN BY F & D	FILE NO. 21434.01

PLOT DATE: January 05, 2023 - 9:51am

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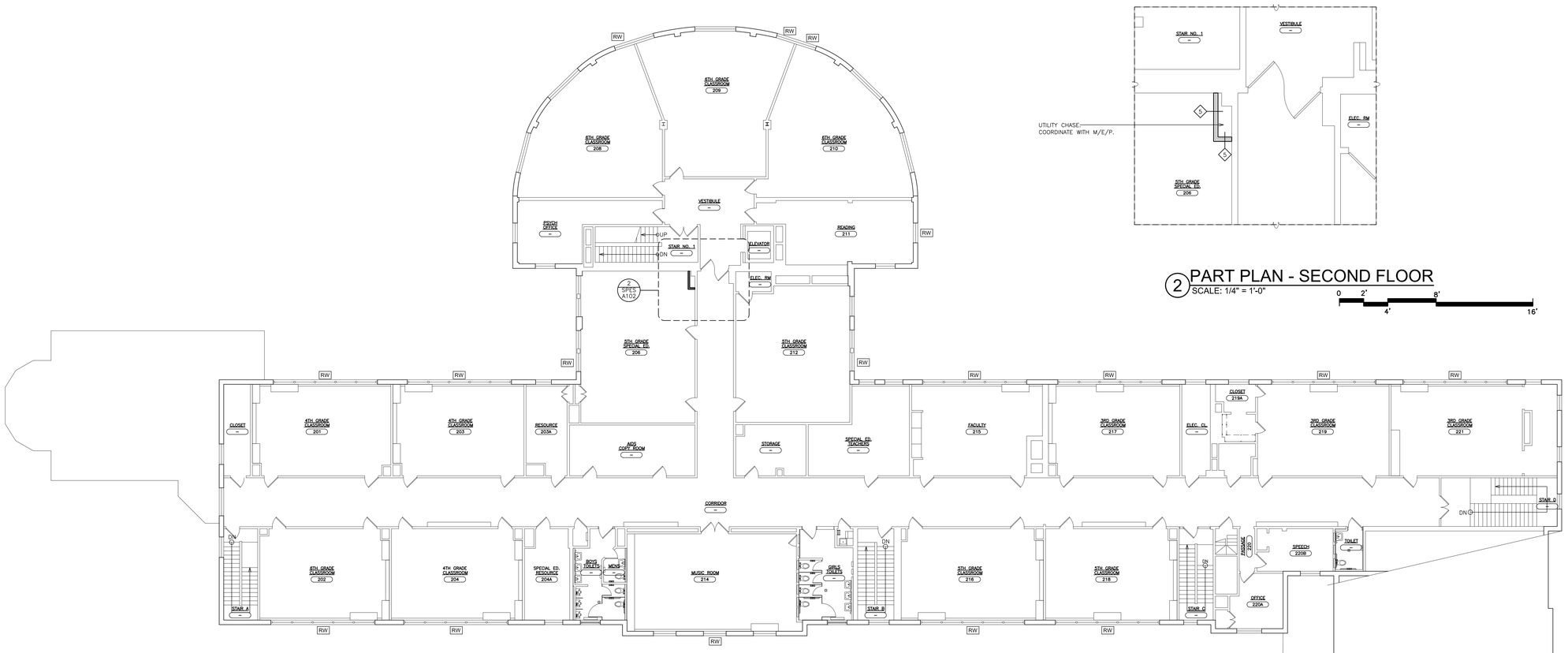

2 PART PLAN - SECOND FLOOR
SCALE: 1/4" = 1'-0"

0 2' 4' 8' 16'

SEELY ELEMENTARY SCHOOL
1 SECOND FLOOR PLAN
SCALE: 3/32" = 1'-0"

0 2' 4' 8' 16'

N

LEGEND	
RW	RESCUE WINDOW (EXISTING)

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GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
SECTION 1 - HVAC RELATED WORK
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
SEELY PLACE ELEMENTARY SCHOOL
SECOND FLOOR PLAN

01-06-2023	B I D
DATE	ISSUED TO
SHEET SIZE 30"x42"	DRAWING NO. SPES A102
SCALE AS NOTED	
DRAWN BY F & D	FILE NO. 21434.01

PLOT DATE: January 05, 2023 - 9:51:am

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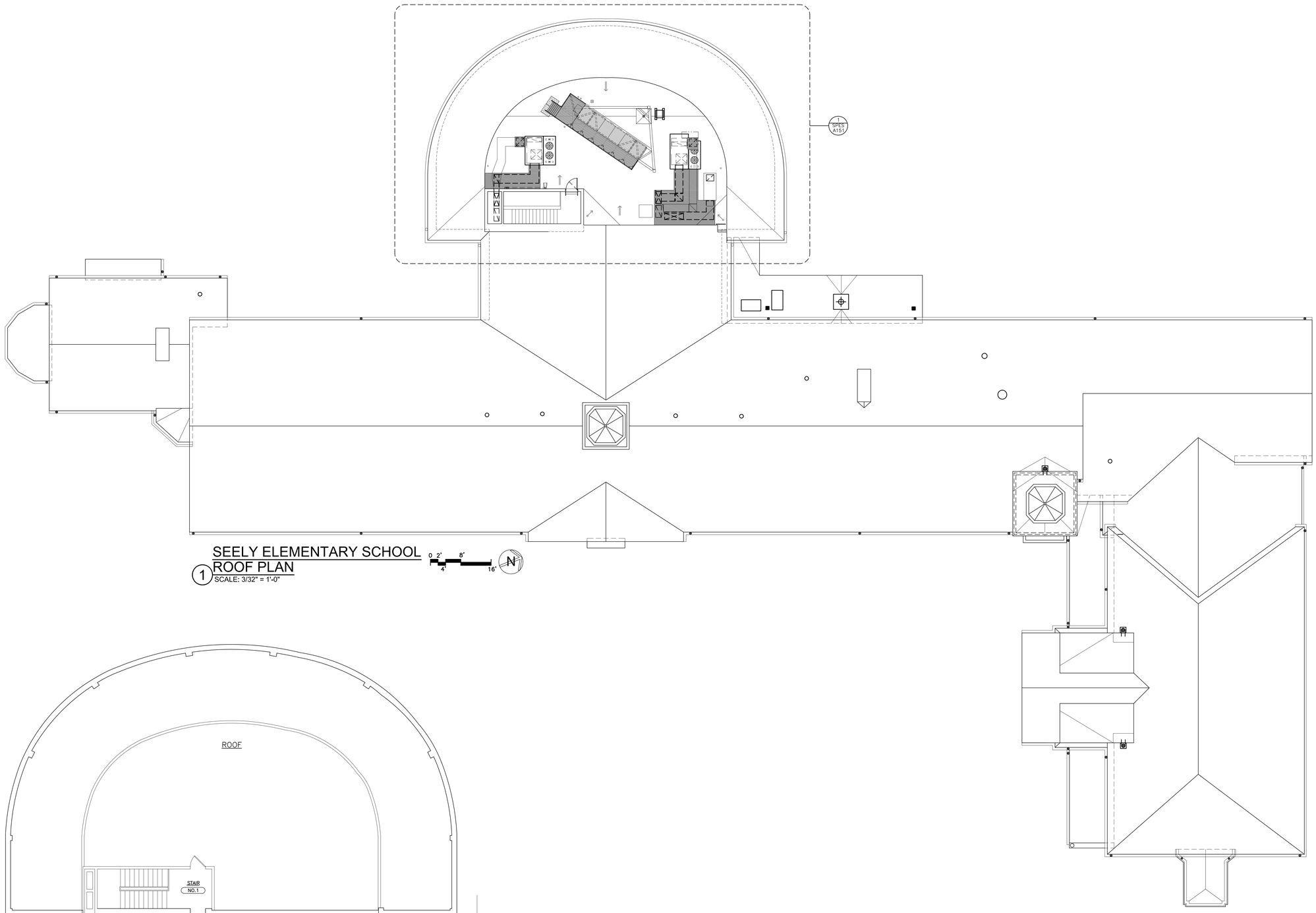
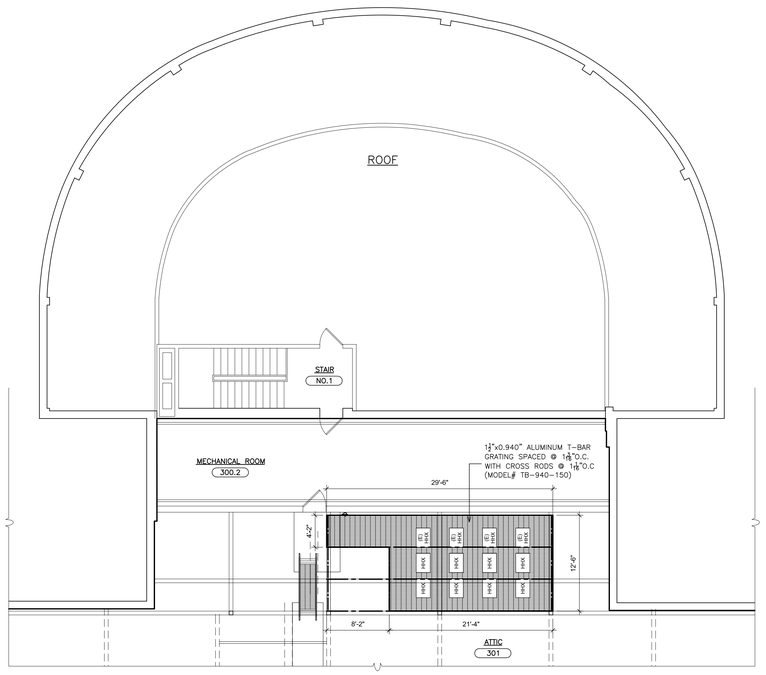


1 SEELY ELEMENTARY SCHOOL ROOF PLAN
SCALE: 3/32" = 1'-0"

0 2' 4' 8' 16'



2 SEELY ELEMENTARY SCHOOL ATTIC FLOOR PLAN
SCALE: 1/8" = 1'-0"

0 2' 4' 8' 16' 32'

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66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
RENOVATIONS AND RELATED WORK
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
SEELY PLACE ELEMENTARY SCHOOL
ROOF AND ATTIC PLAN

01-06-2023	B I D
DATE	ISSUED TO
SHEET SIZE 30"x42"	DRAWING NO. SPES A103
SCALE AS NOTED	
DRAWN BY F & D	FILE NO. 21434.01

PLOT DATE: January 05, 2023 - 9:53am

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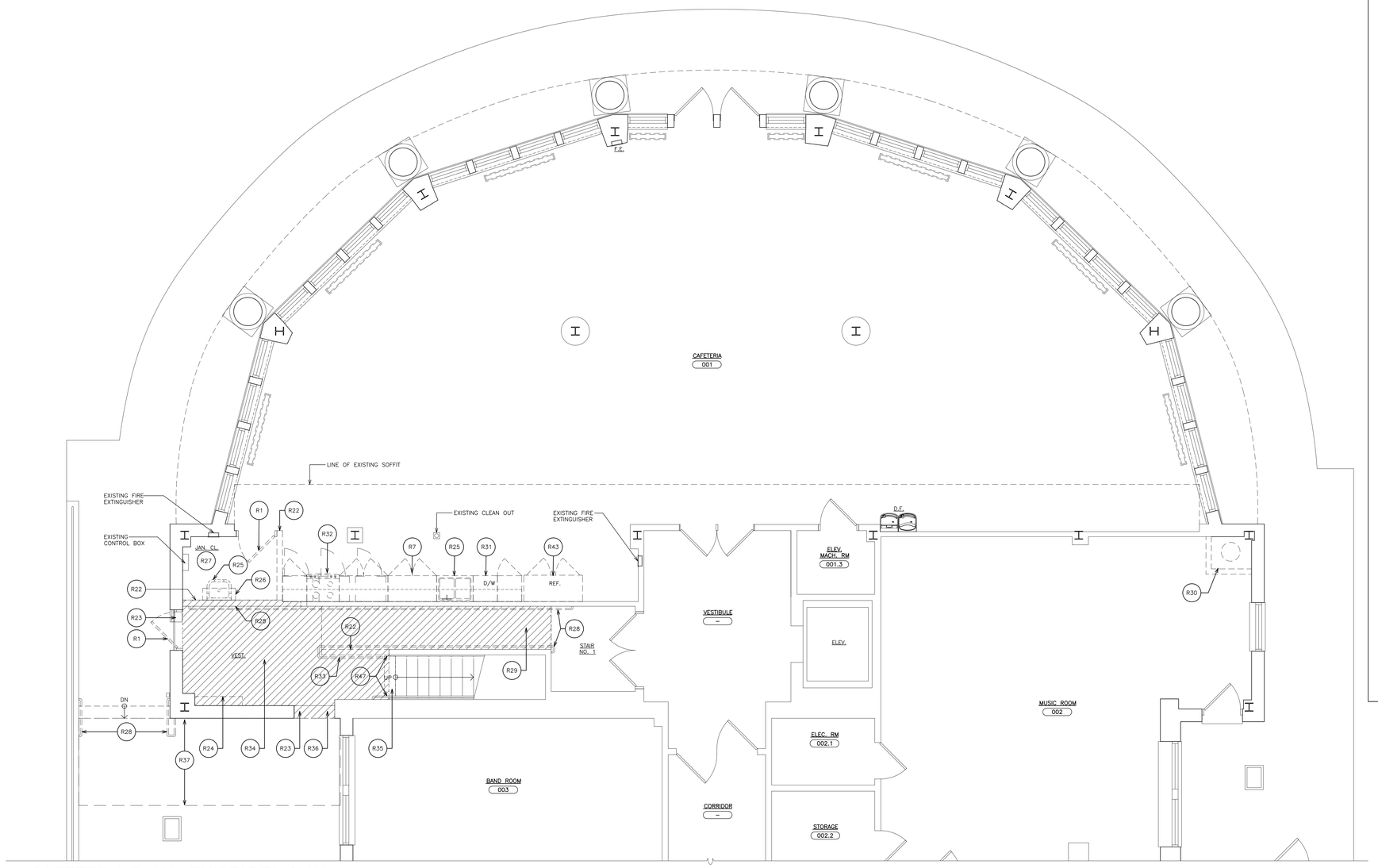


1 CAFETERIA PLAN - EXIST/ REMOVAL
SCALE: 1/4" = 1'-0"

0 2' 4' 8' 16'

REMOVAL NOTES: (KEYED ON PLANS)

R1 REMOVE EXISTING DOORS, METAL FRAMES, TRANSOMS, HARDWARE, SADDLES, SIDE-LITES AND ALL RELATED ITEMS. PATCH ALL DISTURBED SURFACES TO MATCH EXISTING ADJACENT SURFACES.

R2 SAW-CUT AND REMOVE CMU PARTITION(S) FROM SLAB TO STRUCTURE ABOVE. PATCH DISTURBED SURFACES TO MATCH EXISTING ADJACENT SURFACES. GRIND DOWN ANY HIGH SPOTS UNDER EXISTING WALL. FLASH PATCH SMOOTH TO ADJACENT SURFACES. PROVIDE TEMPORARY SHORING AS NEEDED.

R3 REMOVE EXISTING WOOD FRAMED PLATFORM, RAILING AND STAIR IN IT'S ENTIRETY AND RELATED ITEMS. PATCH ALL DISTURBED SURFACES TO MATCH EXISTING ADJACENT SURFACES.

R4 REMOVE EXISTING SUSPENDED CEILING ASSEMBLY, SUSPENSION SYSTEM, PANELS, WALL ANGLES, SEISMIC TIES AND ALL RELATED ITEMS. COORDINATE WORK WITH E-CONTRACTOR. PATCH ALL DISTURBED SURFACES TO MATCH EXISTING ADJACENT SURFACES.

R5 REMOVE EXISTING PLASTER CEILING ASSEMBLY INCLUDING HANGERS, BLACK IRON, PANELS AND ASSOCIATED ITEMS. COORDINATE WORK WITH E-CONTRACTOR. PATCH ALL DISTURBED SURFACES TO MATCH EXISTING ADJACENT SURFACES.

R6 REMOVE EXISTING VCT FLOOR TILE, (MULTIPLE LAYER MAY EXIST) WALL BASE, TRANSITION STRIPS, MASTIC AND SUBSTRATE DOWN TO EXISTING SLAB. MECHANICALLY PROFILE 100% OF EXISTING SUB-FLOOR FOR NEW FLOOR FINISHES.

R7 REMOVE EXISTING CASEWORK, BRACKETS, BASE, FLOOR TRACKS AND ALL RELATED ITEMS. PATCH ALL DISTURBED SURFACES TO MATCH EXISTING ADJACENT SURFACES. COORDINATE WORK WITH PLUMBING AND ELECTRICAL CONTRACTORS.

R8 REMOVE EXISTING WALL MOUNTED ACOUSTIC PANELS AND FRAME AND ALL RELATED ITEMS. PATCH ALL DISTURBED SURFACES TO MATCH EXISTING ADJACENT SURFACES.

R9 REMOVE EXISTING WALL MURAL AND ALL RELATED ITEMS. PATCH ALL DISTURBED SURFACES TO MATCH EXISTING ADJACENT SURFACES. REINSTALL MURAL OVER NEW WALL FURRING.

R10 REMOVE EXISTING FOUNDATION WALL DOWN TO A MINIMUM OF 6" BELOW THE CAFETERIA FINISHED FLOOR. PATCH WITH CONCRETE.

R11 REMOVE EXISTING WALL PADDING AND ALL RELATED ITEMS. PATCH ALL DISTURBED SURFACES TO MATCH EXISTING ADJACENT SURFACES.

R12 REMOVE EXISTING WALL MOUNTED PADDING SUPPORT TRACK AND ALL RELATED ITEMS. PATCH ALL DISTURBED SURFACES TO MATCH EXISTING ADJACENT SURFACES.

R13 REMOVE EXISTING MASONRY KNEE WALL AT EDGE OF EXISTING PLATFORM. COORDINATE WITH ELECTRICAL CONTRACTOR. PATCH DISTURBED SURFACES TO MATCH EXISTING ADJACENT SURFACES. GRIND DOWN ANY HIGH SPOTS UNDER EXISTING WALL. FLASH PATCH SMOOTH TO ADJACENT SURFACES.

R14 REMOVE AND RE-INSTALL EXISTING WINDOW SHADES. SAFELY STORE AND REMOUNT.

R15 MECHANICAL CONTRACTOR TO REMOVE EXISTING FIN-TUBE. COORDINATE WORK.

R16 REMOVE MARKER BOARD AND RELATED ITEMS. TURN OVER TO OWNER.

R17 REMOVE FIRE EXTINGUISHER AND HARDWARE. TURN OVER FIRE EXTINGUISHER TO OWNER.

R18 REMOVE EXISTING STAIR AND RAILINGS.

R19 REMOVE EXISTING METAL STAIR STRUCTURE AND RELATED ITEMS. PATCH DISTURBED SURFACES TO MATCH EXISTING ADJACENT SURFACES.

R20 SAW-CUT ALONG EXISTING SCORED JOINTS AND REMOVE PORTION OF EXISTING CONCRETE WALK, BASE & SUB-BASE TO INSTALL NEW RAMP.

R21 SALVAGE EXISTING REMOVED GLAZED BLOCK FOR RE-USE.

R22 REMOVE METAL STUD PARTITION FROM SLAB TO STRUCTURE ABOVE. PATCH DISTURBED SURFACES TO MATCH EXISTING ADJACENT SURFACES.

R23 SAW-CUT AND REMOVE PORTION OF EXISTING BRICK AND METAL STUD WALL FOR INSTALLATION OF NEW DOOR, FRAME AND LINTEL. WORK IN MANNER WHICH PROVIDES CONTINUOUS SUPPORT OF MASONRY AND WALL ABOVE.

R24 MECHANICAL CONTRACTOR TO REMOVE EXISTING CABINET HEATER. COORDINATE WORK.

R25 SINK TO BE REMOVED BY PLUMBING CONTRACTOR. COORDINATE WORK.

R26 REMOVE AND TURN OVER CLEANING LIQUID DISPENSING STATION TO OWNER.

R27 REMOVE FLOOR TILE AND SETTING MATERIAL INCLUDING TILE BASE.

R28 REMOVE METAL HANDRAILS AND SUPPORT BRACKETS. PATCH WALL.

R29 REMOVE CONCRETE RAMP, FLOOR TILE AND WALL BASE. CLEAN AND GRIND SMOOTH WALL SURFACES WHERE EXISTING RAMP ABUTS. PATCH AND FINISH TO MATCH EXISTING.

R30 REMOVE METAL STUD PARTITION IN ORDER FOR MECHANICAL CONTRACTOR TO REMOVE DUCT WORK.

R31 PLUMBING CONTRACTOR TO DISCONNECT DISH WASHER. DISCARD DISH WASHER.

R32 ELECTRICAL CONTRACTOR TO DISCONNECT RANGE. DISCARD RANGE.

R33 SAWCUT EXISTING STEEL RAILINGS AND REMOVE. MODIFY CUT RAILING TO TURN INTO WALL. PROVIDE REQUIRED BLOCKING AND MOUNTING BRACKET FOR RAILING.

R34 REMOVE FLOOR SLAB AS INDICATED. REFER TO SECTIONS FOR ADDITIONAL INFORMATION.

R35 SAWCUT IN FRONT OF EXISTING STRINGER TO ALLOW FOR ONE NEW STEP DOWN (6¾"±) TO MATCH EXISTING TREAD & RISER DIMENSIONS.

R36 SAWCUT PORTION OF SLAB (SLAB HAUNICH) ONE RISER HEIGHT DOWN (6¾"±) TO ALLOW FOE NEW DOOR.

R37 REMOVE EXISTING CONCRETE SLAB, GRAVEL, AND SUB-BASE AS REQUIRED TO CONSTRUCT NEW RAMP AND STAIR.

R38 SAW-CUT AND REMOVE PORTION OF WALL DOWN TO SLAB LEVEL FOR INSTALLATION ON NEW WORK. PATCH DISTURBED SURFACES TO MATCH EXISTING ADJACENT SURFACES.

R39 REMOVE EXISTING CONCRETE AREAWAY AND FOUNDATION. REMOVE ABANDONED DRAIN AND PIPING OUT OF NEW WORK AREA. CAP PIPING.

R40 REMOVE FIRE EXTINGUISHER AND BRACKET AND TURN OVER TO OWNER.

R41 REMOVE AND SALVAGE EXISTING GLAZED BLOCK TO INSTALL COLUMN. REINSTALL TO MATCH EXISTING.

R42 REMOVE EXISTING DOOR AND HARDWARE.

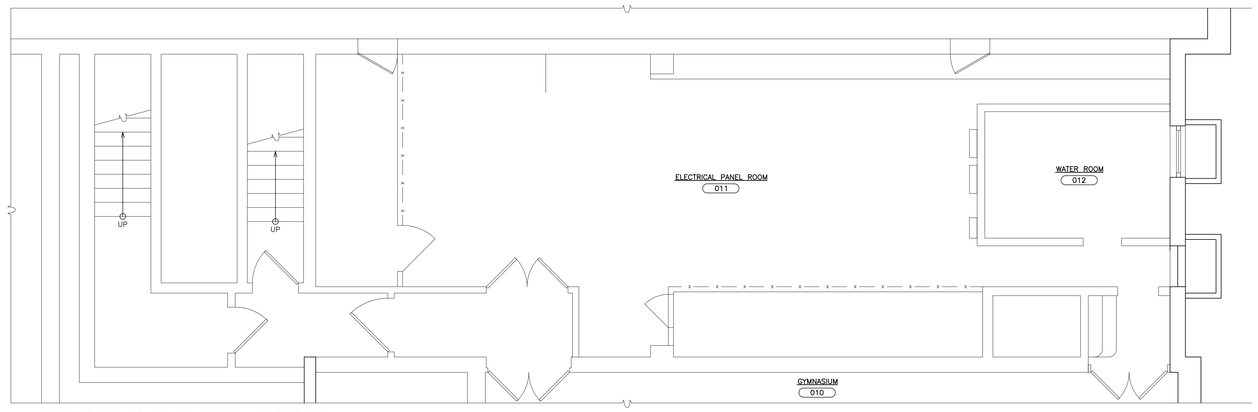
R43 EXISTING FOOD SERVICE EQUIPMENT. TURN OVER TO OWNER.

R44 OWNER TO REMOVE EXISTING CHARGER STATION.

R45 PATCH FLOOR/ WALL OPENING TO MATCH EXISTING DUE TO DUCT REMOVAL. COORDINATE WITH MECHANICAL CONTRACTOR.

R46 REMOVE PORTION OF CONCRETE BLOCK WALL TO INSTALL NEW COLUMN. REINSTALL TO MATCH EXISTING.

R47 REMOVE SECTION OF STAIR HANDRAILS TO ACCOMMADATE ADDITIONAL RISER.



2 ELECTRICAL PANEL ROOM
SCALE: 1/4" = 1'-0"

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S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
CAFETERIA RENOVATION AND RELATED WORK
SEELY PLACE ELEMENTARY SCHOOL
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
SEELY PLACE ELEMENTARY SCHOOL
CAFETERIA PLAN - EXIST./ REMOVAL
ELECTRICAL PANEL ROOM PLAN

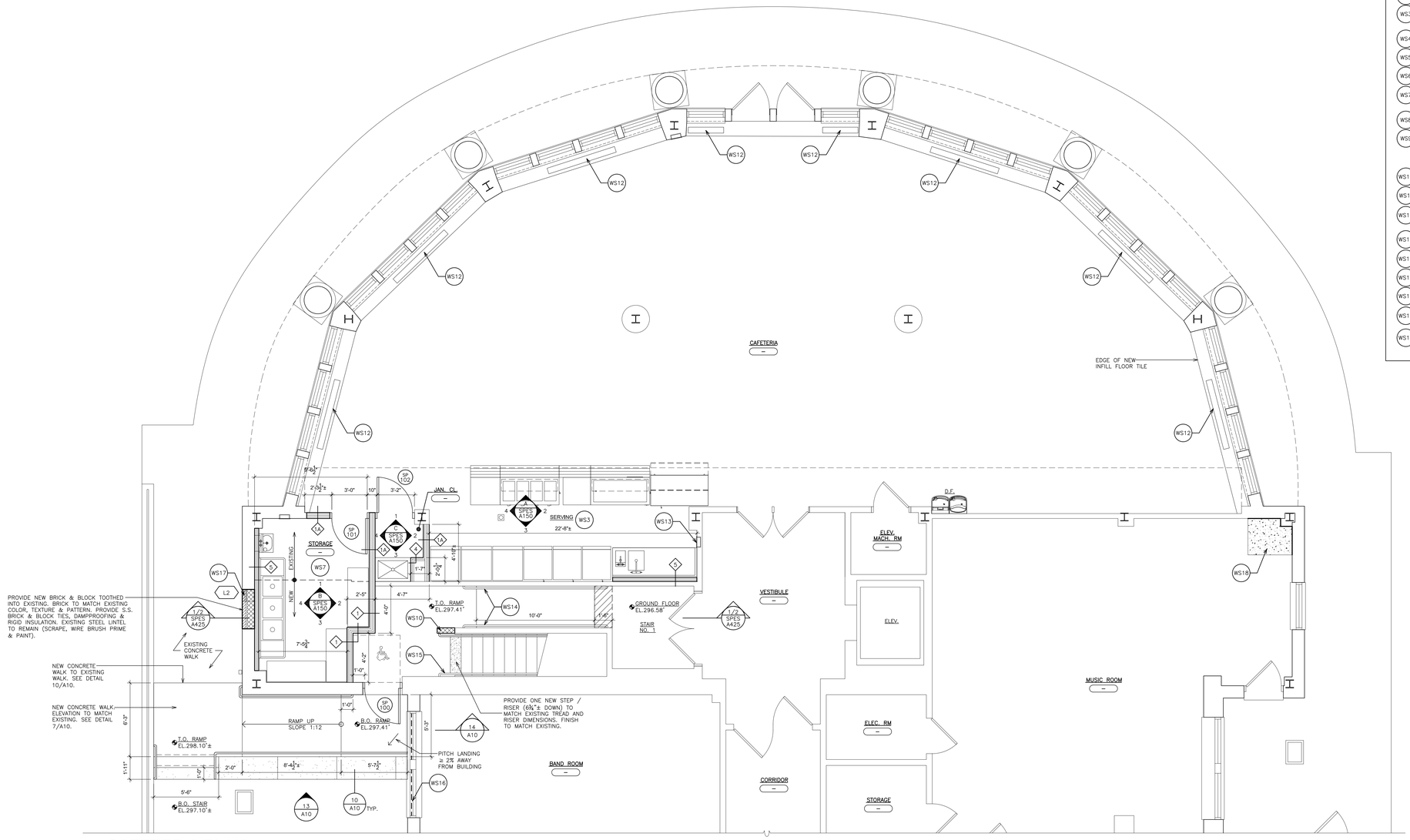
01-06-2023	B I D
DATE	ISSUED TO
SHEET SIZE 30"x42"	DRAWING NO. SPES AR150
SCALE AS NOTED	
DRAWN BY F & D	FILE NO. 21434.01

PLOT DATE: January 05, 2023 - 9:49am

FILE: I:\21434.01 Edgemont Greenville Cafeteria Renovation\DRAWINGS\CURRENT\1-F&D\SPES-A100-A102-A150.dwg

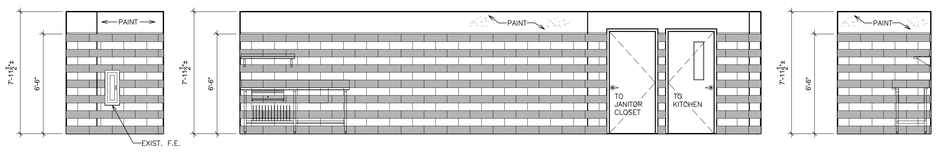
WORKSCOPE NOTES: (KEYED ON PLANS)

- WS1 INFILL OPENING WITH SALVAGED GLAZED BLOCK FROM REMOVALS. TOOTH INTO ADJACENT WALLS. MATCH EXISTING BOND PATTERN AND GROUT.
- WS2 EXISTING GAS SERVICE. PROVIDE PROTECTION AND ACCESS DURING CONSTRUCTION OPERATIONS.
- WS3 REFER TO FOOD SERVICE DRAWINGS FOR EQUIPMENT IN THIS AREA.
- WS4 PREP AND PAINT EXISTING DOOR AND FRAME.
- WS5 REFER TO DRAWING A900 FOR SIGNAGE INFORMATION.
- WS6 NEW STEEL COLUMN FOR ROOF DUNNAGE. SEE GVES/S2 FOR ADDITIONAL INFORMATION.
- WS7 PROVIDE A MINIMUM OF 2" OF SELF LEVELING UNDER LAYMENT OVER ENTIRE FLOOR SLAB EXPOSED BY THE REMOVAL OF THE FLATFORM.
- WS8 RESTORE ALL DISTURBED GRASS AREA. SEE DETAIL 9/A10.
- WS9 PROVIDE NEW BRICK & BLOCK TOOTHED INTO EXISTING. BRICK TO MATCH EXISTING COLOR, TEXTURE & PATTERN. PROVIDE S.S. BRICK & BLOCK TIES, DAMPPROOFING & RIGID INSULATION. EXISTING STEEL LINTEL TO REMAIN (SCRAPE, WIRE BRUSH PRIME & PAINT).
- WS10 CONSTRUCT NEW PARTITION TO MATCH EXISTING. REINFORCE WITH BLOCKING TO ANCHOR NEW HANDRAIL EXTENSION.
- WS11 CONCRETE SLAB PATCHING BY M/E/P. COORDINATE FINISH WORK.
- WS12 PATCH FLOOR OPENING IN CONCRETE FLOOR SLAB AFTER MECHANICAL CONTRACTOR REMOVES AIR GRILLE AND BLANKS OFF THE DUCK OPENING. SEE DETAIL 9/A500.
- WS13 REMOVE AND REMOUNT EXISTING F.E. TO BE FLUSH WITH NEW WALL FINISH.
- WS14 NEW 1¼" NOM.ø CONTINUOUS ALUMINUM HANDRAILS EACH SIDE OF WALL.
- WS15 WELD NEW HANDRAILS (DOUBLE HEIGHT) TO EXISTING. EXTEND BEYOND NEW TREAD DISTANCE EQUAL TO TREND WIDTH.
- WS16 INSTALL PROTECTIVE FILM OVER ALL GLASS AREA.
- WS17 PROVIDE LOUVER. SEE 3/A650.
- WS18 FILL IN FLOOR WITH METAL DECKING AND CONCRETE. SEE SIMILAR DETAIL 9/A500. PATCH AND PAINT WALLS TO MATCH EXISTING.



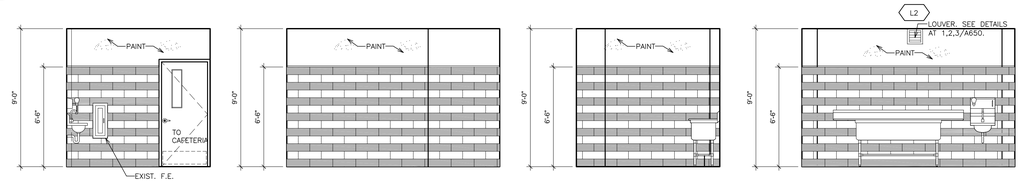
1 CAFETERIA PLAN
SCALE: 1/4" = 1'-0"

0 2' 4' 8' 16'



ELEVATION - 2 ELEVATION - 3 ELEVATION - 4

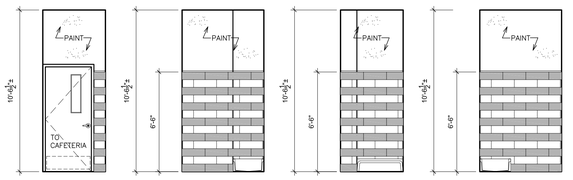
A INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



ELEVATION - 1 ELEVATION - 2 ELEVATION - 3 ELEVATION - 4

B INTERIOR ELEVATION - KITCHEN
SCALE: 1/4" = 1'-0"

C INTERIOR ELEVATION - JANITOR CLOSET
SCALE: 1/4" = 1'-0"



ELEVATION - 1 ELEVATION - 2 ELEVATION - 3 ELEVATION - 4

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ROOF LEGEND

- P/P — PIPE PORTAL. SEE DETAIL 2/A625.
- RD — ROOF DRAIN WITH SUMP (SEE DETAIL 2/A626)
- CU — CONDENSING UNIT (SEE DET. 7/A626)
- H — ROOF HATCH (SEE DET. 12/A626)
- V. — VENT PIPE. SEE DETAIL 3/A626
- TAPERED ISOCYANURATE INSULATION. MIN 5½" THICK. SLOPE 1/4"/FOOT. (TYPICAL)
- CRICKET. SLOPE 1/2"/FOOT. (TYPICAL)
- WALKWAY PADS
- H.P. — HIGH POINT
- X — ROOF AREA DESIGNATION

ROOF WORKSCOPE NOTES: (KEYED ON PLANS)

- WS1 — EXISTING SCUPPER AND LEADER. REMOVE LEADER AND RELOCATE AS INDICATED.
- WS2 — FUNNEL DRAIN FURNISHED AND INSTALLED BY PLUMBING CONTRACTOR. GENERAL CONTRACTOR SHALL FLASH.
- WS3 — WATER PIPING BY MECHANICAL CONTRACTOR. GENERAL CONTRACTOR SHALL PROVIDE PITCH POCKET. SEE DETAIL 6/ A626.
- WS4 — REMOVE AND REPLACE EXISTING DOOR, FRAME, AND THRESHOLD.
- WS5 — RAISE EXISTING DOOR THRESHOLD TO ACCOMMODATE NEW ROOFING SYSTEM. SEE DETAIL 4,5/A627.
- WS6 — EXISTING ELEVATOR SHAFT SMOKE HATCH. REMOVE AND REMOUNT TO ACCOMMODATE NEW ROOFING. COORDINATE WORK WITH ELECTRICAL CONTRACTOR. SEE DETAIL 3/A627.
- WS7 — REMOVE EXISTING METAL RAILING. MODIFY AND REMOUNT TO ACCOMMODATE NEW ROOFING SYSTEM. MOUNT MINIMUM 42" ABOVE ROOF.
- WS8 — CONSTRUCT NEW RAISED CURB TO ACCOMMODATE NEW ROOFING SYSTEM.

GENERAL NOTES:

1. DIMENSIONS AND CONDITIONS ON THE ROOF PLAN AND DETAILS ARE APPROXIMATE AND SHALL BE CONFIRMED BY THE CONTRACTOR.
2. ONLY CERTAIN FASTENERS ARE SHOWN ON THE DRAWINGS, REFER TO THE SPECIFICATIONS FOR ADDITIONAL FASTENER REQUIREMENTS.
3. TEST EACH DRAIN LINE IN THE AREA BEING REPLACED WITH A RUNNING HOSE FOR AT LEAST ONE HOUR PRIOR TO STARTING ANY OTHER WORK ON SITE. PROVIDE A WRITTEN REPORT OF ANY CLOGGED LINES TO THE OWNER.
   A. CLOGGED DRAIN LINES REPORTED TO THE OWNER BEFORE WORK STARTS WILL BE CLEANED BY THE OWNER.
   B. COVER & PROTECT ALL DRAIN OPENINGS AT THE BEGINNING OF EACH WORK DAY. REMOVE THE COVERS AT THE END OF EACH DAY AND BEFORE PRECIPITATION OCCURS.
   C. PERFORM WHATEVER WORK IS REQUIRED SO ALL DRAIN LINES ARE CLEAN AND FREE FLOWING UPON COMPLETION OF THE PROJECT.
4. CONTRACTOR TO DETERMINE FINISH ROOF ELEVATIONS BASED ON REQUIRED ROOF PITCH TO EXISTING DRAINS.

NOTES:

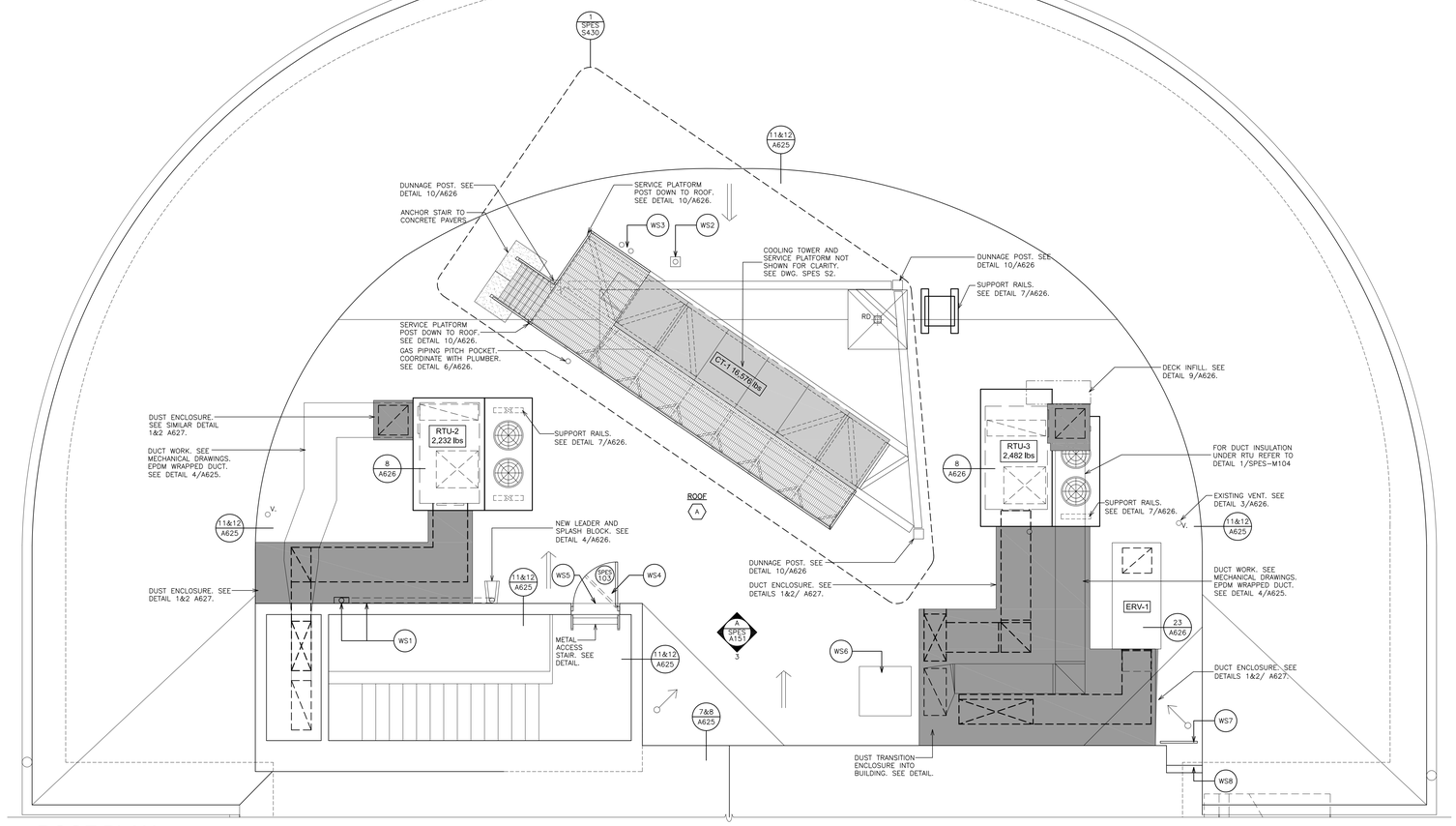
1. CONTRACTOR TO COORDINATE PLATFORM DIMENSIONS WITH RTU & ERU MANUFACTURER'S CUTS.
2. DUNNAGE STEEL TO BE GALVANIZED.
3. SUBMIT SHOP DRAWINGS WITH FIELD MEASURED DIMENSIONS.
4. SECURE EQUIPMENT TO DUNNAGE WITH MECHANICAL FASTENERS.
5. PROVIDE NEOPRENE PADS UNDER EQUIPMENT TO REDUCE VIBRATION.
6. COORDINATE FINAL LOCATION OF CU UNIT & DUNNAGE WITH EXISTING STRUCTURE, EXISTING ROOF DRAINS AND EXISTING ROOF EQUIPMENT.
7. ALL EXPOSED FASTENERS TO BE PRIMED AND PAINTED.
8. EXISTING ROOFING & INSULATION TO REMAIN EXCEPT WHERE SHOWN TO BE REMOVED & REPLACED TO INSTALL NEW EQUIPMENT OR TO INFILL WHERE EXISTING EQUIPMENT IS BEING REMOVED. EXISTING EPDM ROOFS ARE UNDER WARRANTY PERFORM ALL WORK IN ACCORDANCE WITH EXISTING MEMBRANE MANUFACTURE'S REQUIREMENTS TO MAINTAIN THE EXISTING WARRANTY INTACT.
9. CONTRACTOR TO PROTECT EXISTING ROOF(S) DURING CONSTRUCTION. CONTRACTOR TO PROVIDE 1" RIDGE INSULATION AND 1/2" EXTERIOR PLYWOOD, WEIGH DOWN W/ SAND BAGS. ROOF PROTECTION AT ALL WORK AREAS. CONTRACTOR TO LIMIT ROOF TRAFFIC ON EXISTING ROOFS.
10. CONTRACTOR TO MAINTAIN WATER TIGHTNESS OF BUILDING AT ALL TIMES.
11. ALL CONNECTION TO BE FILLET WELDS TO BE MINIMUM 1/4" CONTINUOUS. UNLESS NOTED OTHER WISE

DECK TYPE CHART & INSULATION REQUIREMENTS

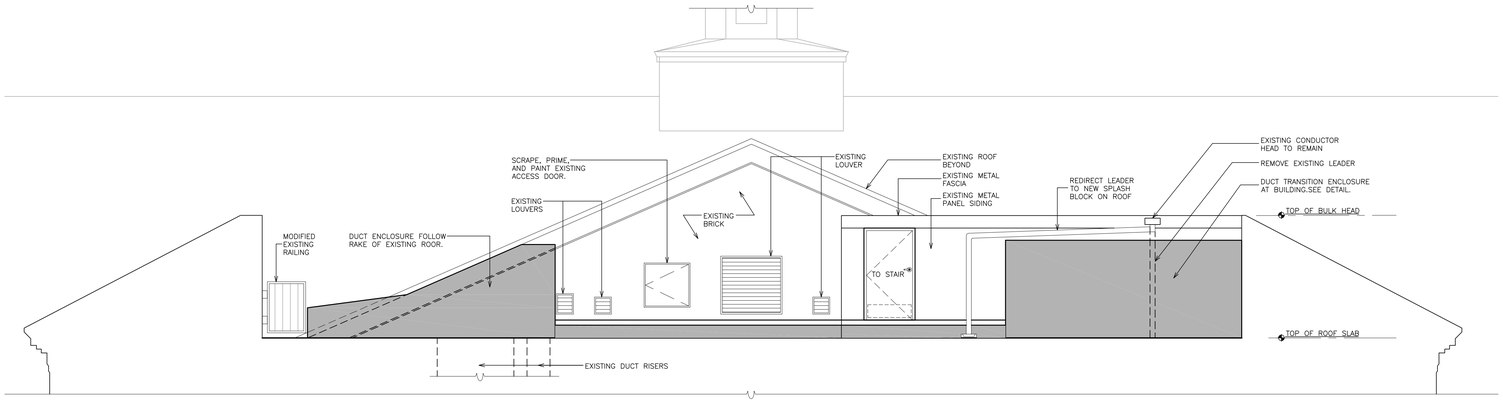
ROOF AREA	DECK TYPE	STARTING THICKNESS OF NEW INSULATION	MINIMUM R-VALUE OF NEW INSULATION	AVERAGE THICKNESS OF NEW INSULATION	AVERAGE R-VALUE OF NEW INSULATION
A	CONCRETE	5.5"	30	7.3"	36.8

NOTES:

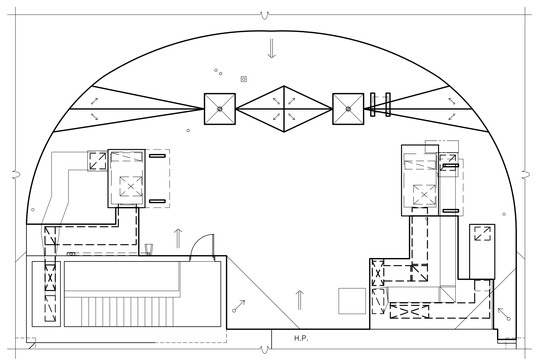
1. INSTALL INSULATION WITH A MINIMUM R-VALUE OF 30 FOR CONTINUOUS INSULATION ENTIRELY ABOVE THE DECK, TO MEET THE NYS ENERGY CONSERVATION CONSTRUCTION CODE, INCLUDING THE INTERNATIONAL ENERGY CONSERVATION CODE AND THE NY STATE SUPPLEMENT, FOR A BUILDING IN CLIMATE ZONE 4.
2. INSTALL TAPERED ISOCYANURATE INSULATION THAT SLOPES 1/8 INCH PER FOOT; MINIMUM STARTING THICKNESS 5-1/2 INCHES. INSTALL THE ISOCYANURATE INSULATION IN MULTIPLE LAYERS, WITH THE THICKEST LAYER BEING 4 INCHES. STAGGER ALL JOINTS BETWEEN LAYERS 12 INCHES.
3. INSTALL ISOCYANURATE INSULATION CRICKETS UNDER THE TAPERED INSULATION.
4. INSTALL A 1/4" THICK GYPSUM COVER BOARD OVER THE INSULATION
5. SET ALL LAYERS OF INSULATION AND COVER BOARD IN LOW RISE FOAM ADHESIVE.
6. SEE DETAIL 1/A626 FOR TYPICAL ROOF ASSEMBLY.



1 ROOF PLAN
SCALE: 1/4" = 1'-0"
0 2' 4' 8' 16'



A ELEVATION
SCALE: 1/4" = 1'-0"



2 ROOF INSULATION PLAN
SCALE: 1/8" = 1'-0"

NOTES:
1. INSTALL MINIMUM 4 FOOT SQUARE TAPERED RECESSED INSULATION AT ALL PRIMARY ROOF DRAINS; DO NOT SHAVE THE ISOCYANURATE INSULATION.
2. INSTALL DENS DECK COVER BOARD SET IN LOW RISE FOAM ADHESIVE OVER ALL ISOCYANURATE INSULATION.
3. THE ROOFING CONTRACTOR MUST VERIFY ALL ACTUAL FIELD DIMENSIONS.

ROOF NOTES:

1. DIMENSIONS AND CONDITIONS ON THE ROOF PLAN AND DETAILS ARE APPROXIMATE AND MUST BE CONFIRMED BY THE CONTRACTOR.
2. INSTALL NEW WALKWAY PADS WHERE SHOWN ON THE ROOF PLAN.
3. PROVIDE CRICKET (¼"/FT. SLOPE) TO DIVERT WATER AWAY FROM CURBS. TYPICAL AT ALL NEW SKYLIGHTS AND ROOF MOUNTED EQUIPMENT.
4. ONLY CERTAIN FASTENERS ARE SHOWN ON THE DRAWINGS, REFER TO THE SPECIFICATIONS FOR ADDITIONAL FASTENER REQUIREMENTS.
5. TEST EACH DRAIN LINE IN THE AREA BEING REPLACED WITH A RUNNING HOSE FOR AT LEAST ONE HOUR PRIOR TO STARTING ANY OTHER WORK ON SITE. PROVIDE A WRITTEN REPORT OF ANY CLOGGED LINES TO THE OWNER.
   A. CLOGGED DRAIN LINES REPORTED TO THE OWNER BEFORE WORK STARTS WILL BE CLEANED BY THE OWNER.
   B. COVER & PROTECT ALL DRAIN OPENINGS AT THE BEGINNING OF EACH WORK DAY. REMOVE THE COVERS AT THE END OF EACH DAY AND BEFORE PRECIPITATION OCCURS.
   C. PERFORM WHATEVER WORK IS REQUIRED SO ALL DRAIN LINES ARE CLEAN AND FREE FLOWING UPON COMPLETION OF THE PROJECT.
6. REFER TO M/E/P FOR COORDINATION AND ADDITIONAL INFORMATION.
7. PROVIDE 200 L.F. OF WALKWAY PADS. LOCATION TO BE DETERMINED IN FIELD.
8. CONTRACTOR TO MAINTAIN WATERTIGHTNESS OF BUILDING AT ALL TIMES.
9. CONTRACTOR TO COORDINATE PLATFORM DIMENSIONS WITH COOLING TOWER.

ROOF PROTECTION NOTES:

1. AVOID WALKING ON NEW ROOF AREAS.
2. DO NOT STORE MATERIAL OR EQUIPMENT, AND DO NOT PILE DEBRIS ON NEW ROOF AREAS.
3. INSTALL 1 INCH THICK EXTRUDED POLYSTYRENE INSULATION OVER 6 MIL FIRE RETARDANT POLYETHYLENE, COVERED WITH 2x10 WOOD PLANKS TO PROTECT ROOFING WHERE CONSTRUCTION WORK AND TRAFFIC WILL OCCUR.
4. NEATLY CUT AND POSITION ROOF PROTECTION COMPONENTS TO FIT WITHIN 1/2 INCH OF ROOF PENETRATIONS, EAVES AND CHANGE IN ELEVATION WALLS.
5. DO NOT COVER THE ROOF DRAINS. MAINTAIN THE ROOF DRAIN STRAINERS VISIBLE AND CLEAR AT ALL TIMES.

CODE COMPLIANCE REQUIREMENTS:

1. INSTALL NEW ROOFING TO MEET THE FOLLOWING MINIMUM REQUIREMENTS:
   A. NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE, WHICH INCLUDES BY REFERENCE THE NEW YORK STATE ENERGY CONSERVATION CODE.
   B. UNDERWRITERS LABORATORIES INC. CLASS A EXTERNAL FIRE RATING FOR ROOF ASSEMBLIES TESTED IN ACCORDANCE WITH ASTM E 108 OR UL 790.
   C. UNDERWRITERS LABORATORIES INC. STANDARD 1256 FOR ROOF ASSEMBLIES WITH FOAM INSULATION.
2. INSTALL ROOFING TO COMPLY WITH THE WIND UPLIFT REQUIREMENTS OF THE NY STATE UNIFORM FIRE PREVENTION AND BUILDING CODE, BASED ON THIS CRITERIA:
   RISK CATEGORY III
   BASIC WIND SPEED 130 MPH
   EXPOSURE CATEGORY B
   BUILDING HEIGHT 40 FT.
3. INSTALL ROOFING AS INDICATED TO RESIST THE FOLLOWING UPLIFT LOADS, CALCULATED IN ACCORDANCE WITH ASCE 7 USING A SAFETY FACTOR OF 2:
   FIELD ZONE: 60 PSF
   PERIMETER ZONE: 100 PSF
   CORNER ZONE: 150 PSF
4. FABRICATE AND INSTALL ROOF PERIMETER FLASHINGS THAT COMPLY WITH THE NY STATE UNIFORM FIRE PREVENTION AND BUILDING CODE AND WITH ANSI/SPRI ES-1 "WIND STANDARD FOR EDGE SYSTEMS USED WITH LOW SLOPE ROOFING SYSTEMS", ON A BUILDING USING THE CRITERIA DESCRIBED ABOVE.
5. FABRICATE AND INSTALL WOOD BLOCKING COMPONENTS TO RESIST A FORCE OF 275 POUNDS PER LINEAL FOOT APPLIED IN ANY DIRECTION.

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PROJECT TITLE
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GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
CAFETERIA RENOVATION AND RELATED WORK
SED #66-04-06-03-0-008-021 AND #001-019
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
SEELY PLACE ELEMENTARY SCHOOL
ROOF PLAN

DATE	ISSUED TO
01-06-2023	B I D

SHEET SIZE: 30"x42"	DRAWING NO.: SPES A151
SCALE: AS NOTED	
DRAWN BY: F & D	FILE NO.: 21434.01

PLOT DATE: January 05, 2023 - 9:54am

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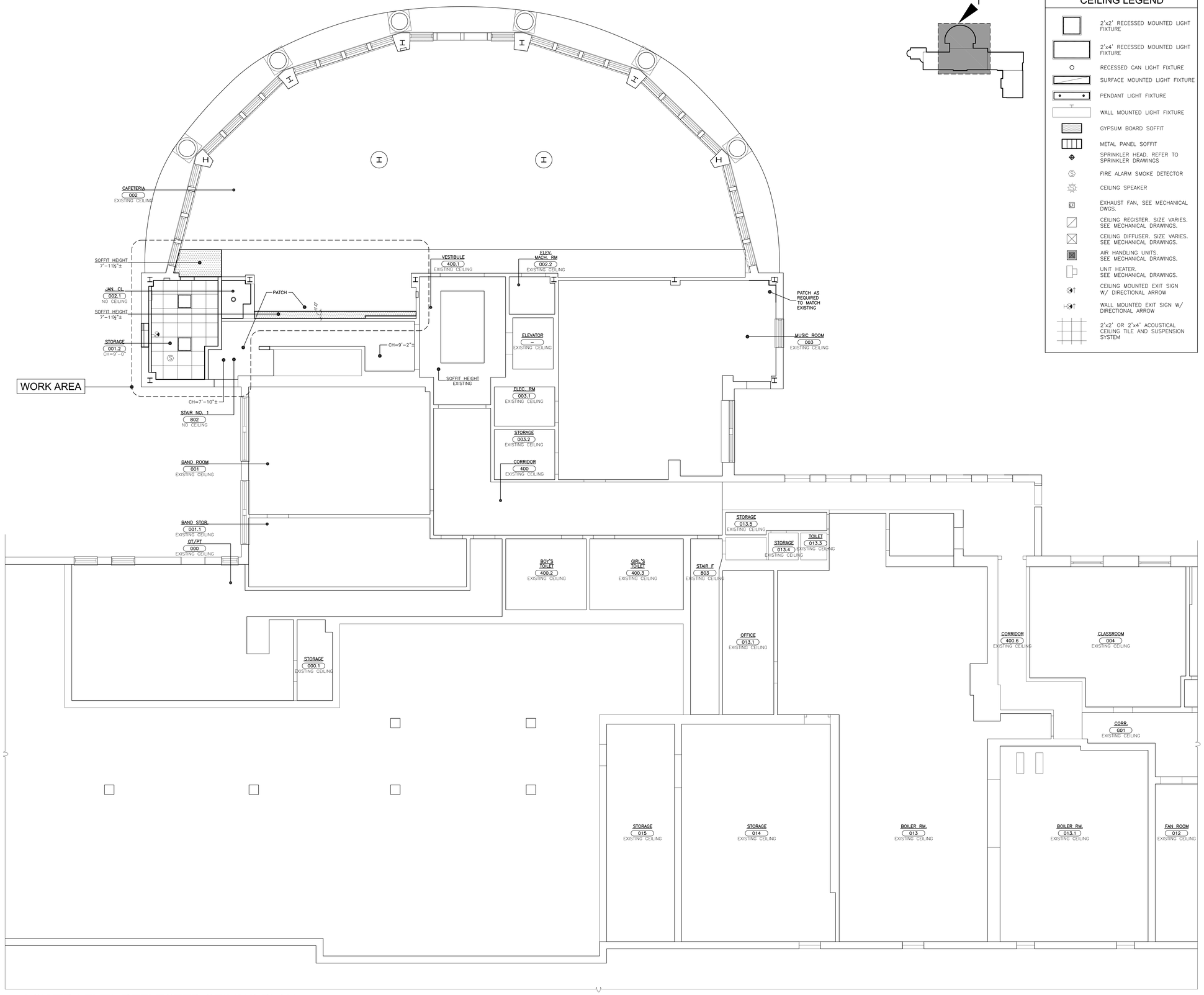

1 LOWER LEVEL REFLECTED CEILING PLAN
SCALE: 3/16" = 1'-0"

0 2' 4' 8' 16'

NOTE:
UNLESS OTHERWISE NOTED ALL CEILING WORK ASSOCIATED WITH MECHANICAL PLUMBING AND ELECTRICAL WORK IS BY THE RESPECTIVE TRADE.

CEILING LEGEND

- 2'x2' RECESSED MOUNTED LIGHT FIXTURE
- 2'x4' RECESSED MOUNTED LIGHT FIXTURE
- RECESSED CAN LIGHT FIXTURE
- SURFACE MOUNTED LIGHT FIXTURE
- PENDANT LIGHT FIXTURE
- WALL MOUNTED LIGHT FIXTURE
- GYPSUM BOARD SOFFIT
- METAL PANEL SOFFIT
- SPRINKLER HEAD. REFER TO SPRINKLER DRAWINGS
- FIRE ALARM SMOKE DETECTOR
- CEILING SPEAKER
- EF — EXHAUST FAN, SEE MECHANICAL DWGS.
- CEILING REGISTER. SIZE VARIES. SEE MECHANICAL DRAWINGS.
- CEILING DIFFUSER. SIZE VARIES. SEE MECHANICAL DRAWINGS.
- AIR HANDLING UNITS. SEE MECHANICAL DRAWINGS.
- UNIT HEATER. SEE MECHANICAL DRAWINGS.
- CEILING MOUNTED EXIT SIGN W/ DIRECTIONAL ARROW
- WALL MOUNTED EXIT SIGN W/ DIRECTIONAL ARROW
- 2'x2' OR 2'x4' ACOUSTICAL CEILING TILE AND SUSPENSION SYSTEM

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LOWER LEVEL REFLECTED CEILING PLAN

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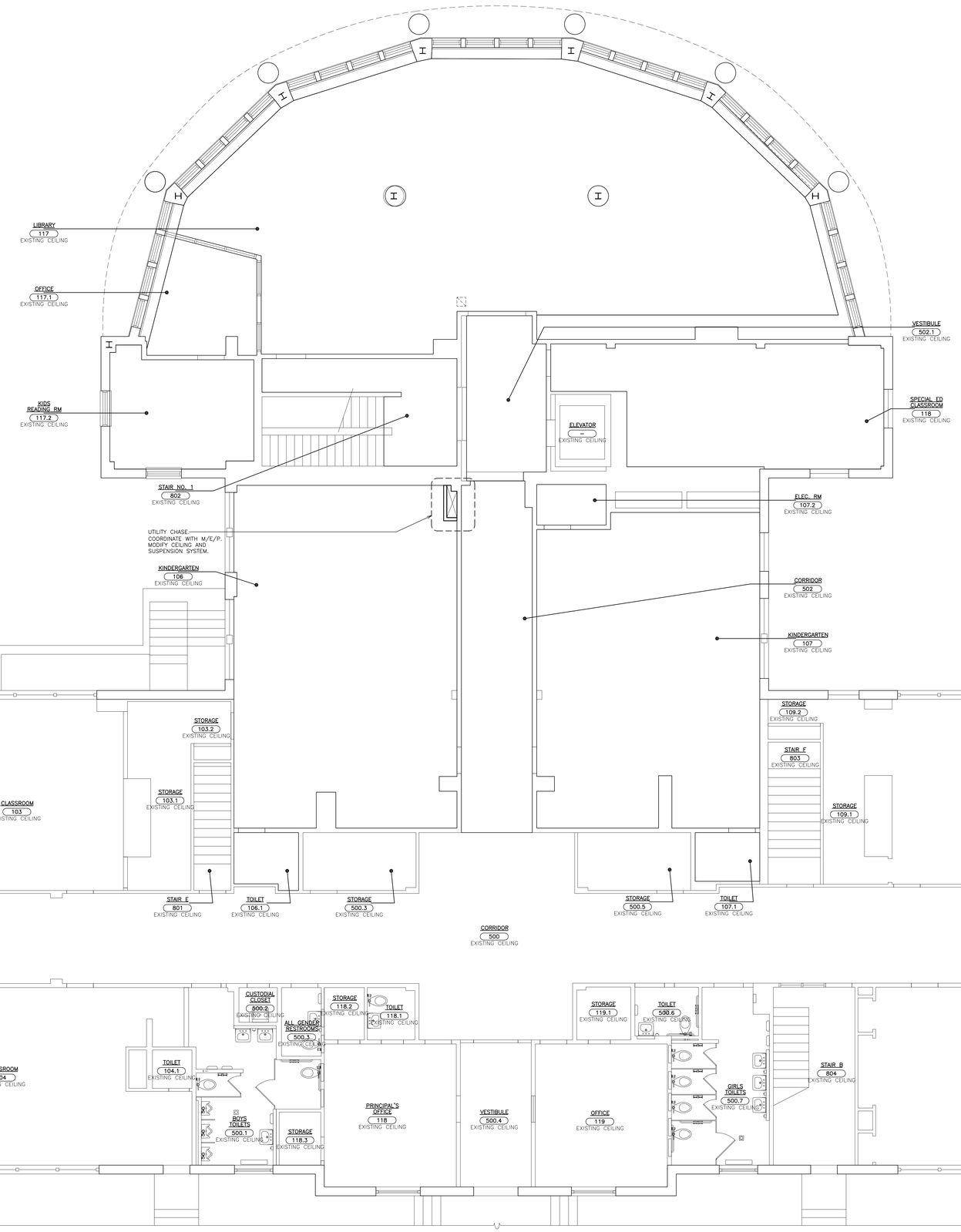

1 FIRST FLOOR REFLECTED CEILING PLAN
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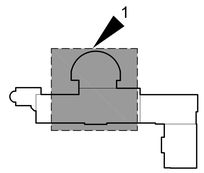

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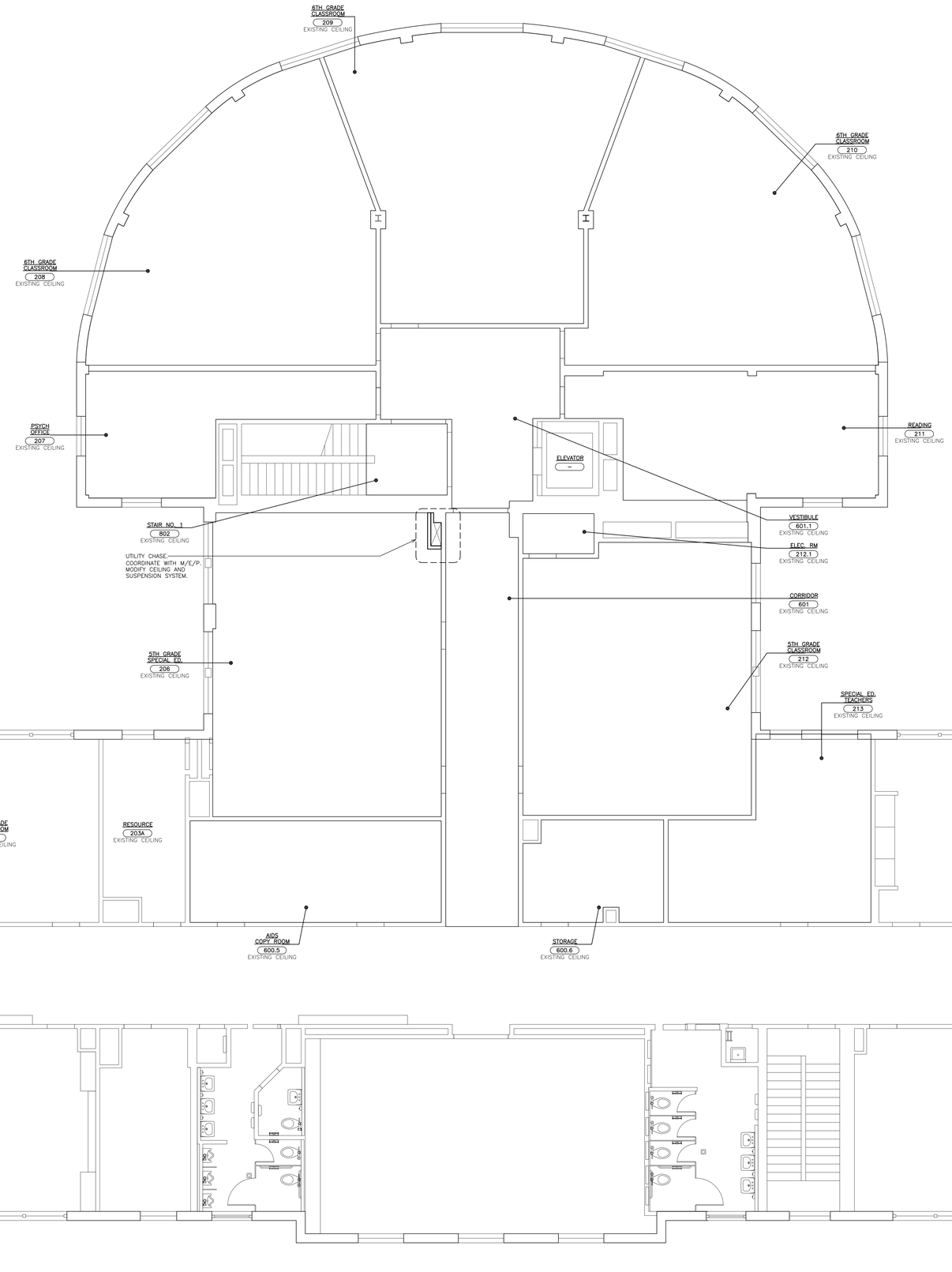
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE RENOVATION AND RELATED WORK
GREENVILLE ELEMENTARY SCHOOL
PHASE 1 - HVAC & CAFETERIA

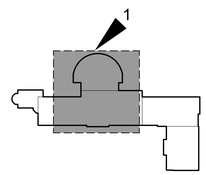
DRAWING TITLE
SEELY PLACE ELEMENTARY SCHOOL
FIRST FLOOR REFLECTED CEILING PLAN

01-06-2023	B I D
DATE	ISSUED TO
SHEET SIZE 30"x42"	DRAWING NO. SPES A201
SCALE AS NOTED	
DRAWN BY F & D	FILE NO. 21434.01

PLOT DATE: January 05, 2023 - 9:58am

FILE: I:\21434.01 Edgemont Greenville Cafeteria Renovation\DRAWINGS\CURRENT\1-F&D\SPES-A200-A202.dwg





1 SECOND FLOOR REFLECTED CEILING PLAN

SCALE: 3/16" = 1'-0"

0 2' 4' 8' 16'

NOTE:
UNLESS OTHERWISE NOTED ALL CEILING WORK ASSOCIATED WITH MECHANICAL PLUMBING AND ELECTRICAL WORK IS BY THE RESPECTIVE TRADE.

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S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-006-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
CAFETERIA RENOVATION AND RELATED WORK
PHASE 1 - HVAC & CAFETERIA

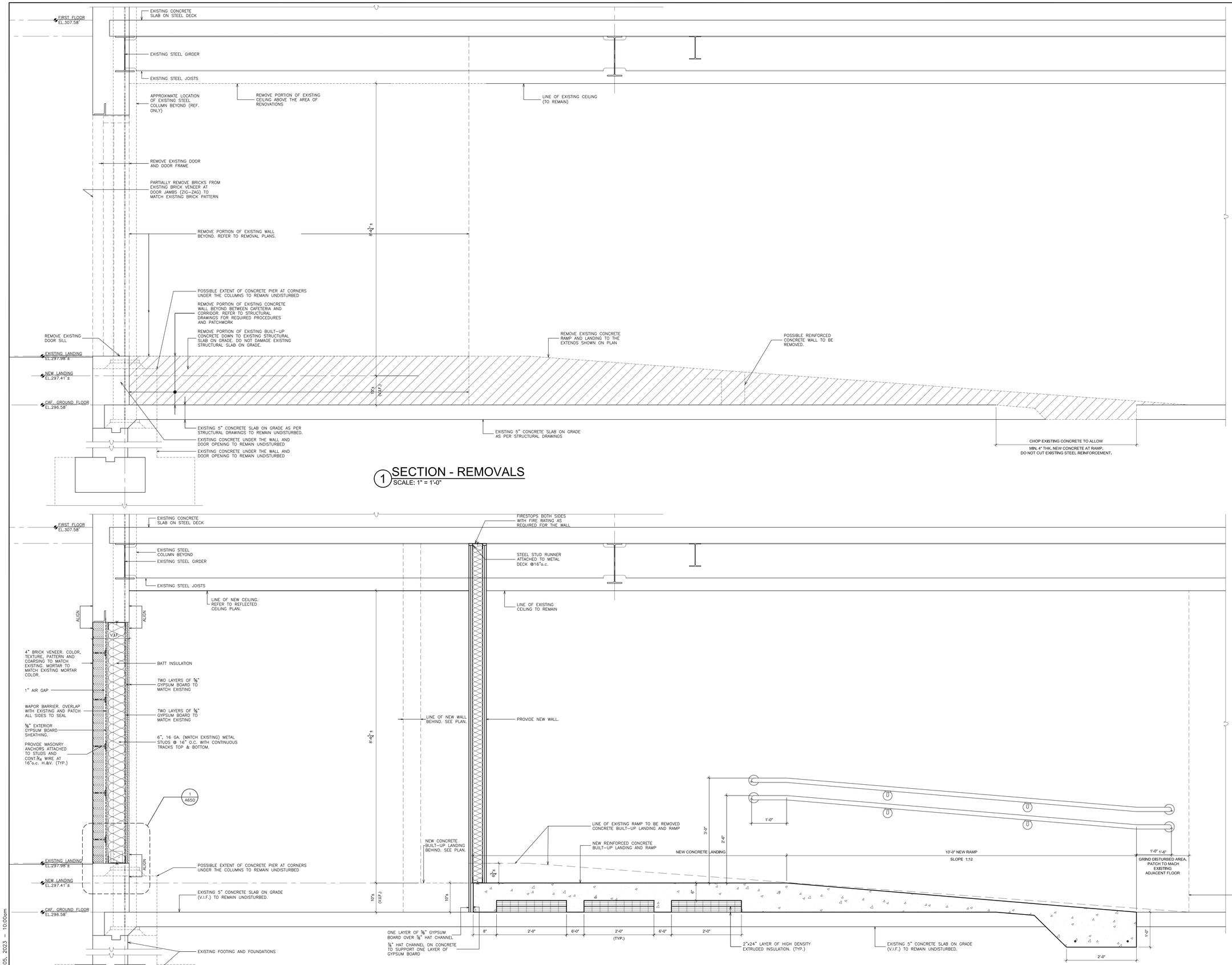
DRAWING TITLE
SEELY PLACE ELEMENTARY SCHOOL
SECOND FLOOR REFLECTED CEILING PLAN

DATE	ISSUED TO
01-06-2023	B I D

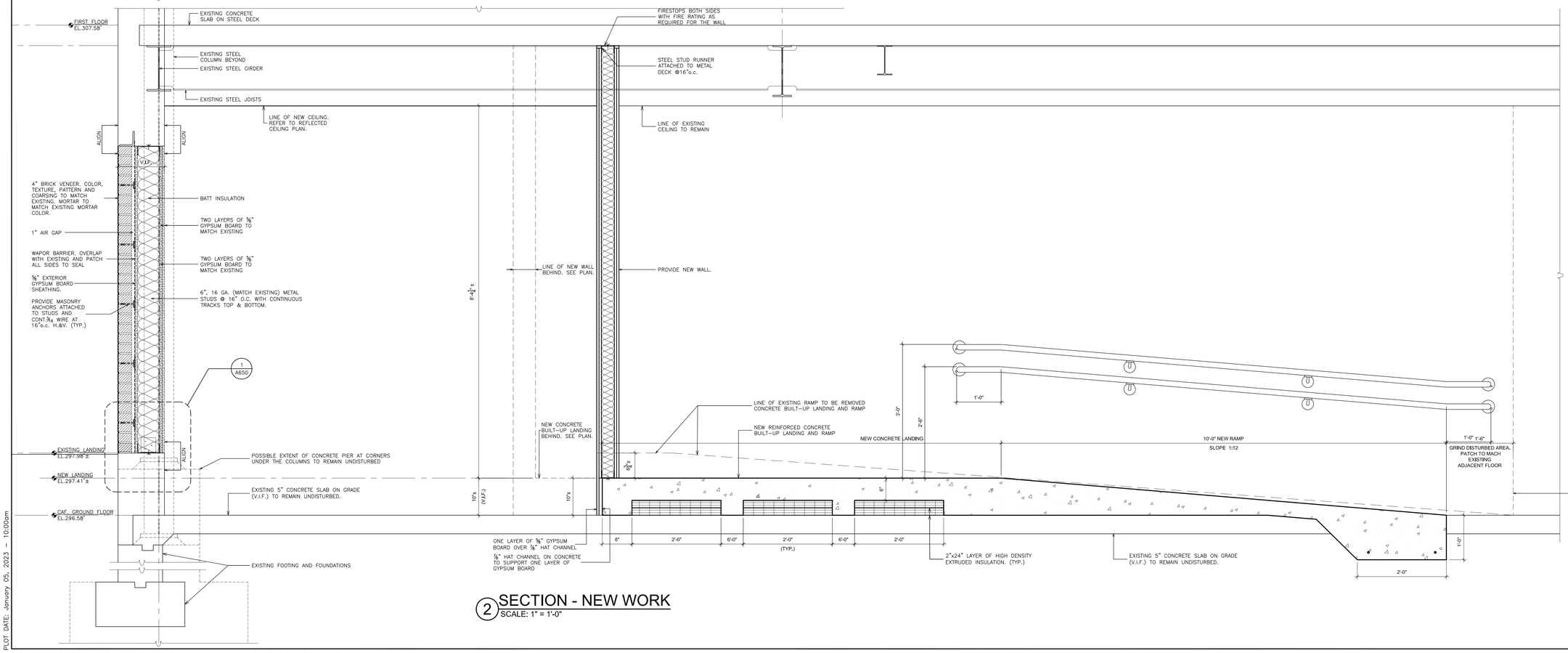
SHEET SIZE: 30"x42"	DRAWING NO.: SPES A202
SCALE: AS NOTED	
DRAWN BY: F & D	FILE NO.: 21434.01

PLOT DATE: January 05, 2023 - 9:58am

FILE: I:\21434.01 Edgemont Greenville Cafeteria Renovation\DRAWINGS\CURRENT\1-F&D\SPES-A200-A202.dwg



1 SECTION - REMOVALS
SCALE: 1" = 1'-0"



2 SECTION - NEW WORK
SCALE: 1" = 1'-0"

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S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

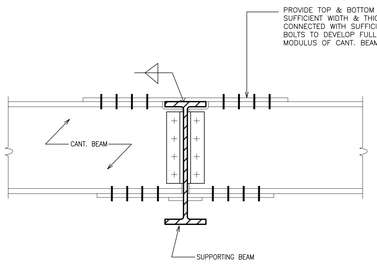
PROJECT TITLE
EDGEMONT UNION FREE SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
CAFETERIA RENOVATIONS AND RELATED WORK
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
SEELY PLACE ELEMENTARY SCHOOL
SECTIONS

01-06-2023	B I D
DATE	ISSUED TO
SHEET SIZE 30"x42"	DRAWING NO. SPES A425
SCALE AS NOTED	
DRAWN BY F & D	FILE NO. 21434.01

PLOT DATE: January 05, 2023 - 10:00am

FILE: I:\21434.01 Edgemont Greenville Cafeteria Renovation\DRAWINGS\CURRENT\1-F&D\SPES-A425.dwg



1 TYP. SPLIT CANT. BEAM DETAIL
SCALE: 1" = 1'-0"

LEGEND (FRAMING)

KB	KNEE BRACE
	PROPOSED ROOF PENETRATION.
	EXISTING ROOF PENETRATION.
	STEEL STRUCTURE (EXISTING)
	STEEL STRUCTURE (NEW)
	STEEL DECK DIRECTION (NEW)

ALTERATIONS AND EXISTING CONDITIONS

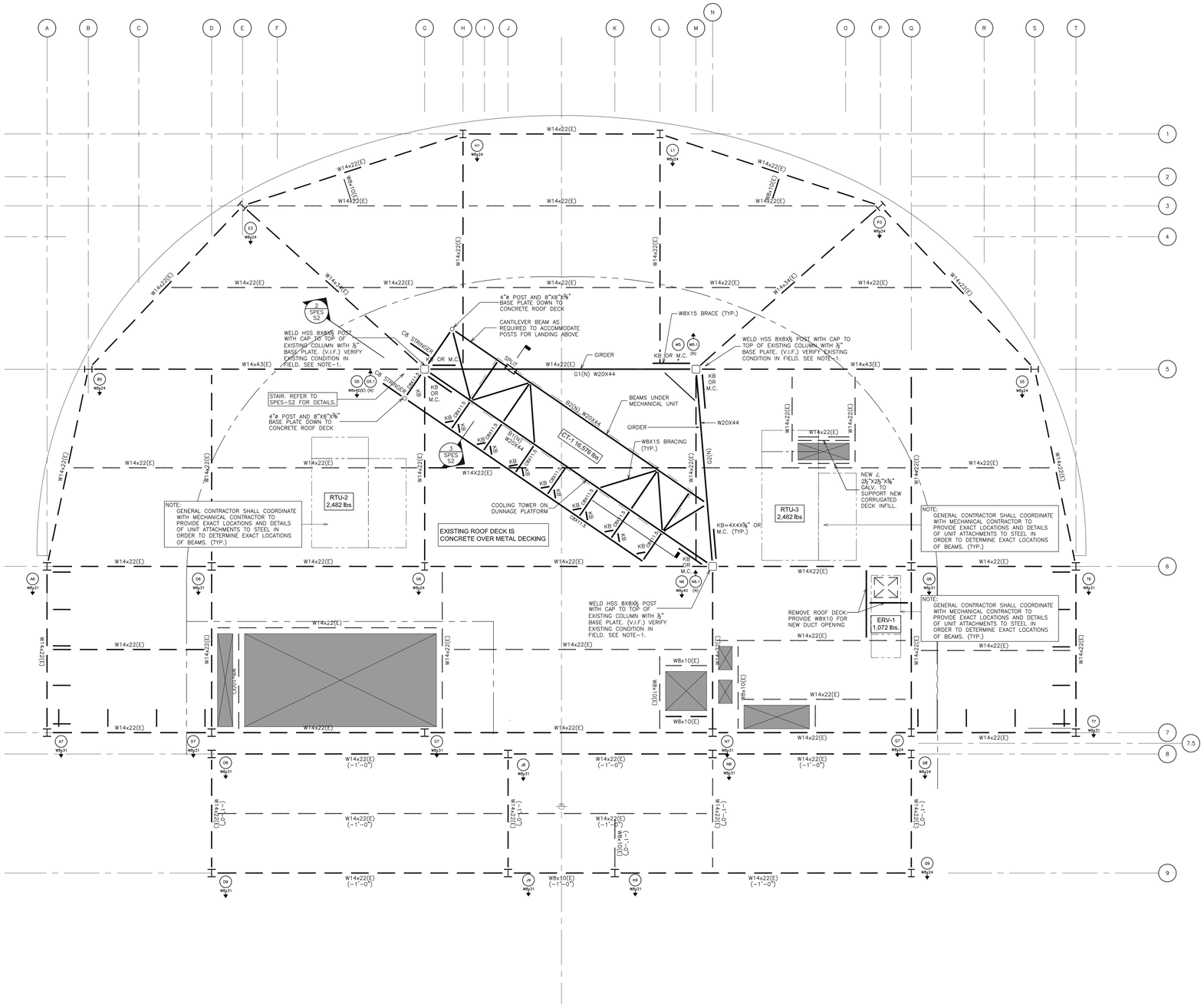
1. WHERE EXISTING WORK IS TO BE CUT, CONTRACTOR SHALL PROVIDE ALL NEEDLING, SHORING, WELDING, AND DRY-PACKING AND SHALL BE RESPONSIBLE FOR THE SAFETY OF THE STRUCTURE DURING THE OPERATION.
2. ALL NEW OPENINGS IN EXISTING STRUCTURE SHALL BE SAW CUT. CORE DRILL AT CORNERS. DO NOT OVERCUT. REMOVAL OF EXCESS MATERIAL SHALL BE DONE BY HAND. ONLY ROTARY TOOLS SHALL BE USED.
3. ADD NEW FRAMING TO HEADER OFF EXISTING FRAMING TO CREATE PENETRATION FOR NEW WORK. **VERIFY EXISTING FRAMING MEMBERS AND SIZES AND ADVISE THE ARCHITECT IN WRITING BEFORE PROCEEDING WITH ANY WORK.** COORDINATE SIZES AND LOCATIONS OF PENETRATIONS WITH MECHANICAL CONTRACTOR. VERIFY OPERATING WEIGHTS OF EQUIPMENT USED WITH WEIGHTS INDICATED ON ROOF PLAN.
4. IF REQUIRED, CONTRACTOR SHALL SUBMIT SHORING DRAWINGS SIGNED AND SEALED BY A NEW YORK STATE LICENSED PROFESSIONAL ENGINEER.

GENERAL NOTES

1. EXISTING DIMENSIONS, MEMBER SIZES AND CONDITIONS ON THE FRAMING PLANS AND DETAILS ARE APPROXIMATE AND MUST BE CONFIRMED BY CONTRACTOR.
2. ADD NEW FRAMING TO HEADER OFF EXISTING FRAMING AND TO CREATE ROOF PENETRATION FOR NEW ROOF MOUNTED EQUIPMENT. VERIFY EXISTING FRAMING MEMBERS. COORDINATE SIZES AND LOCATIONS OF PENTRATIONS WITH MECHANICAL CONTRACTOR. VERIFY OPERATING WEIGHTS OF EQUIPMENT USED WITH WEIGHTS INDICATED ON FRAMING PLANS.
3. REINFORCE ALL PENETRATIONS. SEE PLANS.
4. ALL NECESSARY TEMPORARY PROTECTION SHALL BE INSTALLED ON EXISTING BUILDING TO PREVENT DAMAGE TO FOUNDATION AND SUPER STRUCTURE DURING CONSTRUCTION OF NEW WORK.
5. DRAWINGS INDICATE GENERAL AND TYPICAL DETAILS OF CONSTRUCTION. WHERE CONDITIONS ARE NOT SPECIFICALLY SHOWN, SIMILAR DETAILS SHALL BE USED, SUBJECT TO ACCEPTANCE BY THE ARCHITECT.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REQUIRED SHORING. JOB SAFETY AND CONSTRUCTION PROCEDURES ARE ALSO THE SOLE RESPONSIBILITY OF THE CONTRACTOR. LACK OF COMMENT BY THE ARCHITECT IS NOT TO BE INTERCEPTED AS ACCEPTANCE OF THOSE ASPECTS OF THE WORK.
7. NO EQUIPMENT SHALL BE HUNG FROM BRACING OR STEEL DECK.
8. a. CONTRACTOR SHALL FIELD VERIFY SIZES OF EXISTING BEAMS, JOISTS AND COLUMNS SHOWN ON DRAWINGS AND ADVISE ARCHITECT IN WRITING. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL OF NEW WORK SHOWN.
   b. DESIGN OF ALL CONNECTIONS SHALL BE DELEGATED TO A NEW YORK STATE LICENSED P.E. PER AISC-303-16.
9. COORDINATE ALL WORK WITH OTHER PRIME CONTRACTORS.
10. PROVIDE TEMPORARY WEATHER PROTECTION AS NECESSARY.

DUNNAGE NOTES

1. CONTRACTOR TO COORDINATE PLATFORM DIMENSIONS WITH MECHANICAL CONTRACTOR.
2. ALL COMPONENTS HOT DIPPED GALVANIZED.
3. STEEL TO CONFORM WITH ASTM A997 GRADE 50. POST TO CONFORM WITH ASTM A500.
4. BOLTS TO BE GALVANIZED 3/4"ø A325 WITH GALVANIZED WASHERS. WELDS TO UTILIZE E70XX ELECTRODES.
5. SECURE EQUIPMENT TO DUNNAGE WITH MECHANICAL FASTENERS.
6. COORDINATE FINAL LOCATION OF MECHANICAL EQUIPMENT & DUNNAGE WITH EXISTING STRUCTURE.
7. SUBMIT SHOP DRAWINGS WITH FIELD MEASURED DIMENSIONS.
8. CONTRACTOR TO PROTECT EXISTING ROOF(S) DURING CONSTRUCTION. CONTRACTOR TO PROVIDE 1" RIDGE INSULATION AND 1/2" EXTERIOR PLYWOOD, WEIGH DOWN W/ SAND BAGS. ROOF PROTECTION AT ALL WORK AREAS. CONTRACTOR TO LIMIT ROOF TRAFFIC ON EXISTING ROOFS.
9. ALL CONNECTIONS TO BE FILLET WELDS TO BE MINIMUM 1/4" CONTINUOUS. UNLESS NOTED OTHER WISE.
10. PROVIDE WELDED SEATED CONNECTIONS AT BEAM TO COLUMN CONNECTION.
11. ALL CONNECTIONS SHALL BE DESIGNED BY N.Y.S. LICENSED PROFESSIONAL ENGINEER.



1 PARTIAL ROOF FRAMING PLAN
SCALE: 1/4" = 1'-0"

0 2' 4' 8' 16'

NOTES:

1. EXISTING ROOF DECK IS 5½" LTWT CONCRETE ON 2" METAL DECK (2" LOK-FLOOR COMPOSITE METAL DECK).
2. SAWCUT AND REMOVE PORTION OF EXISTING CONCRETE ROOF DECK TO ACCOMMODATE NEW DUNNAGE SUPPORTS. PROVIDE STEEL ANGLE REINFORCEMENT AT PENETRATION. MAINTAIN WATER TIGHTNESS OF BUILDING AT ALL TIMES.
3. ALL STRUCTURAL ELEMENTS, SIZES, AND LOCATION ARE TO BE VERIFIED IN FIELD BY CONTRACTOR BEFORE ANY REMOVALS OR RENOVATION WORK IS DONE. (TYP.)

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S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

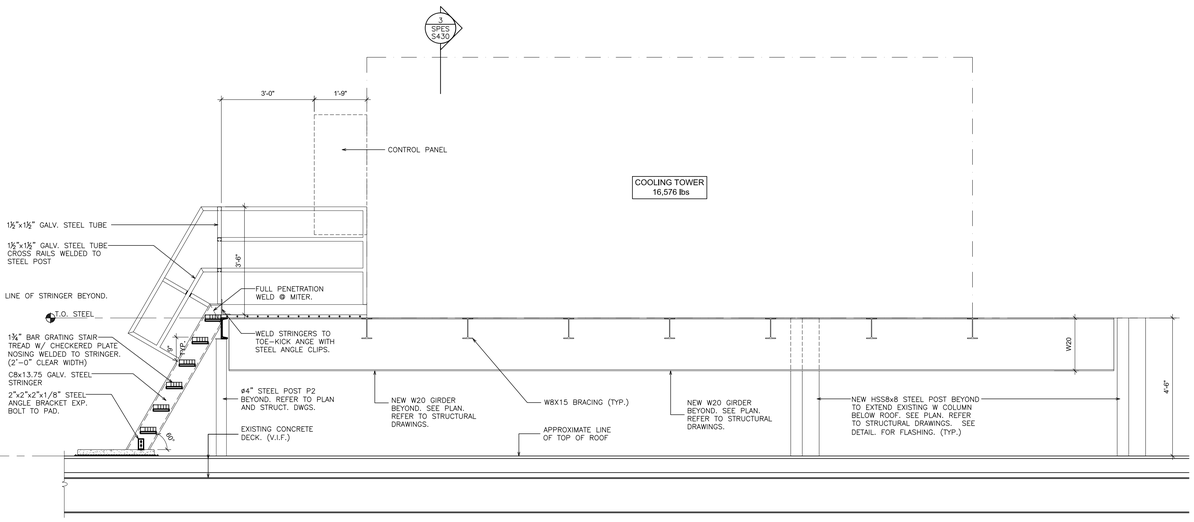
PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
ADDITION AND RELATED WORK
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
SEELY PLACE ELEMENTARY SCHOOL
CAFETERIA ROOF FRAMING PLAN

01-06-2023	B I D
DATE	ISSUED TO
SHEET SIZE 30"x42"	DRAWING NO. SPES S1
SCALE AS NOTED	
DRAWN BY F & D	FILE NO. 21434.01

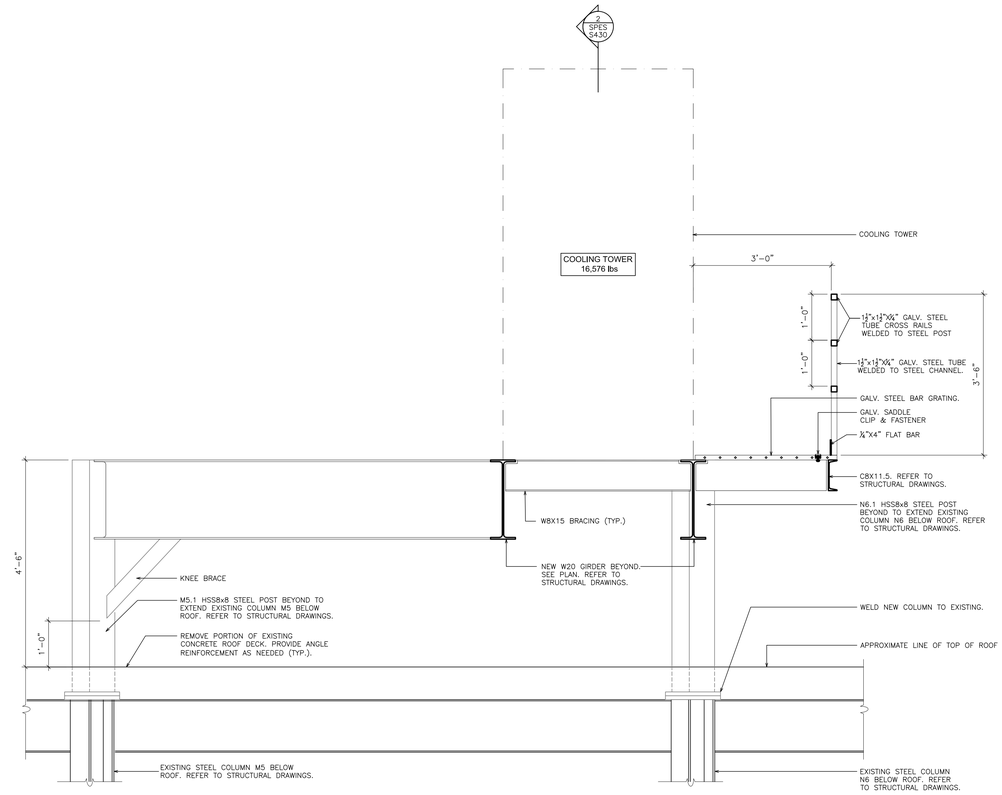
PLOT DATE: January 05, 2023 - 10:00am

FILE: I:\21434.01 Edgemont Greenville Cafeteria Renovation\DRAWINGS\CURRENT\1-F&D\SPES-S1.dwg



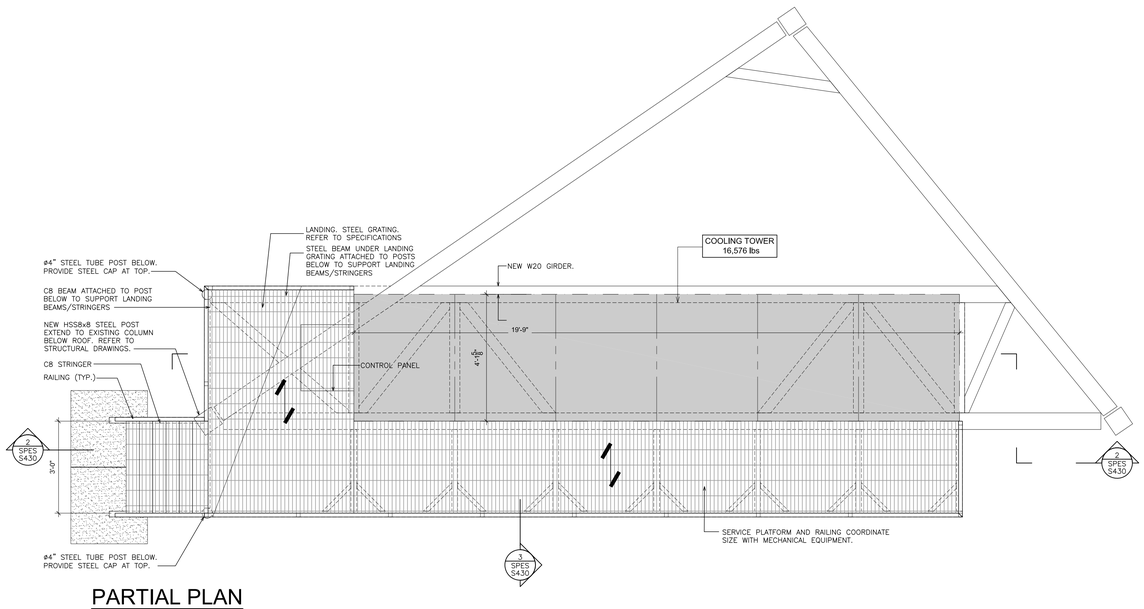
LONGITUDINAL SECTION AT COOLER UNIT SUPPORT & ROOF

2 SCALE: 1/2" = 1'-0"



PARTIAL SECTION AT COOLER UNIT SUPPORT & ROOF

3 SCALE: 3/4" = 1'-0"



PARTIAL PLAN AT COOLER UNIT LANDING AND STAIR

1 SCALE: 1/2" = 1'-0"

NOTES:

1. CONTRACTOR TO COORDINATE PLATFORM DIMENSIONS WITH EQUIPMENT AND MECHANICAL CONTRACTOR.
2. ALL COMPONENTS HOT DIPPED GALVANIZED.
3. STEEL TO CONFORM WITH ASTM A997 GRADE 50. POST TO CONFORM WITH ASTM A500.
4. BOLTS TO BE GALVANIZED 3/4"ø A325 WITH GALVANIZED WASHERS. WELDS TO UTILIZE E70XX ELECTRODES.
5. KB= 4"x4"x⅜" DIAGONAL BRACE (TYPICAL)
6. SHOP FABRICATE THE RAILING ASSEMBLY TO FULLEST EXTENT POSSIBLE.
7. ALL MEMBERS SHALL BE CAREFULLY CUT AND COPED TO FIT AND JOINED WITH CONTINUOUS WELDS. CAREFULLY GRIND ALL WELDS AND ADJOINING SURFACES SMOOTH
8. ⇂⇃ ON PLAN DENOTES GALV. STEEL WALKWAY GRATING WITH BOLTED CLIP CONNECTIONS TO BEAMS.
9. SUBMIT SHOP DRAWINGS WITH FIELD MEASURED DIMENSIONS.
10. COORDINATE FINAL LOCATION OF EQUIPMENT & DUNNAGE WITH EXISTING STRUCTURE, EXISTING ROOF DRAINS AND EXISTING ROOF EQUIPMENT.
11. LADDER RISER DIMENSIONS SHALL ALL BE EQUAL AND ADJUSTED TO ACTUAL FIELD DIMENSIONS.
12. ALL CONNECTION TO BE FILLET WELDS TO BE MINIMUM 1/4" CONTINUOUS. UNLESS NOTED OTHER WISE

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S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

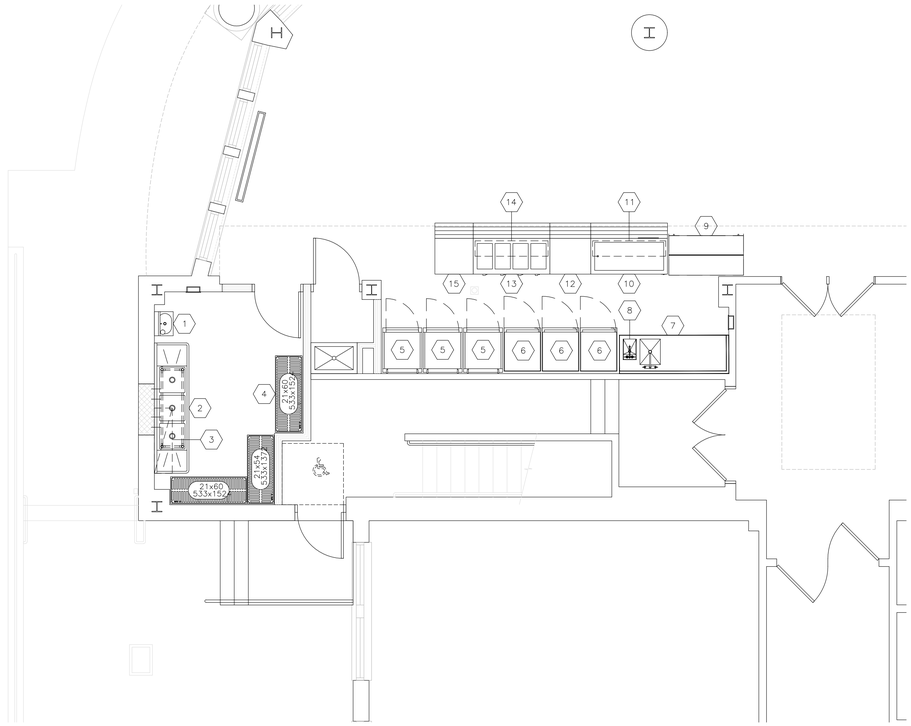
PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
ADDITIONS AND RELATED WORK
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
SEELY PLACE ELEMENTARY SCHOOL
SECTIONS

01-06-2023	B I D
DATE	ISSUED TO
SHEET SIZE 30"x42"	DRAWING NO. SPES S2
SCALE AS NOTED	
DRAWN BY F & D	FILE NO. 21434.01

PLOT DATE: January 05, 2023 - 10:01am

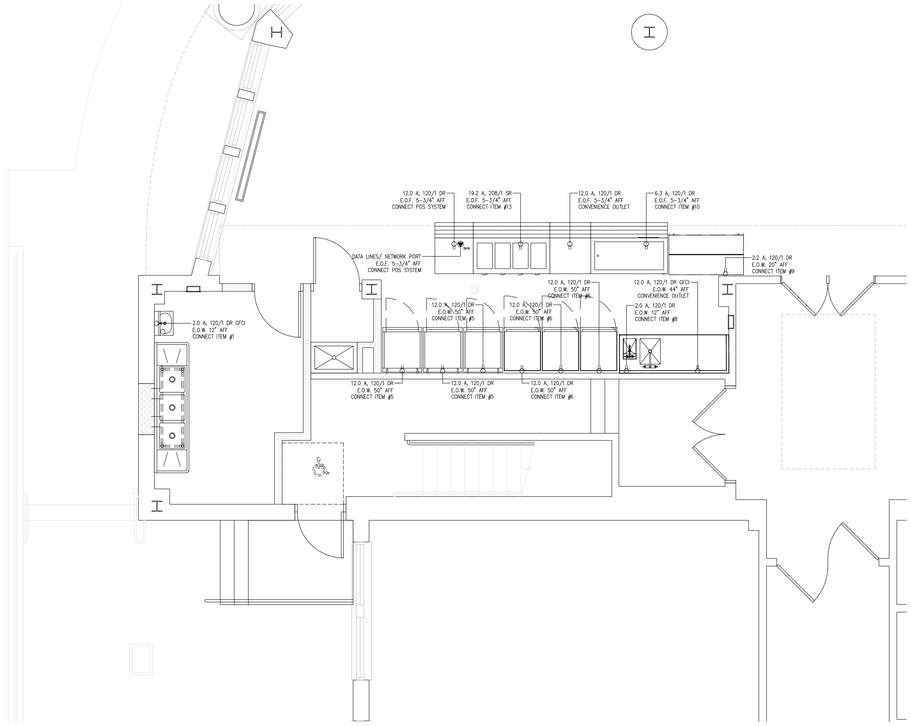
FILE: I:\21434.01 Edgemont Greenville Cafeteria Renovation\DRAWINGS\CURRENT\1-F&D\SPES-S2.dwg



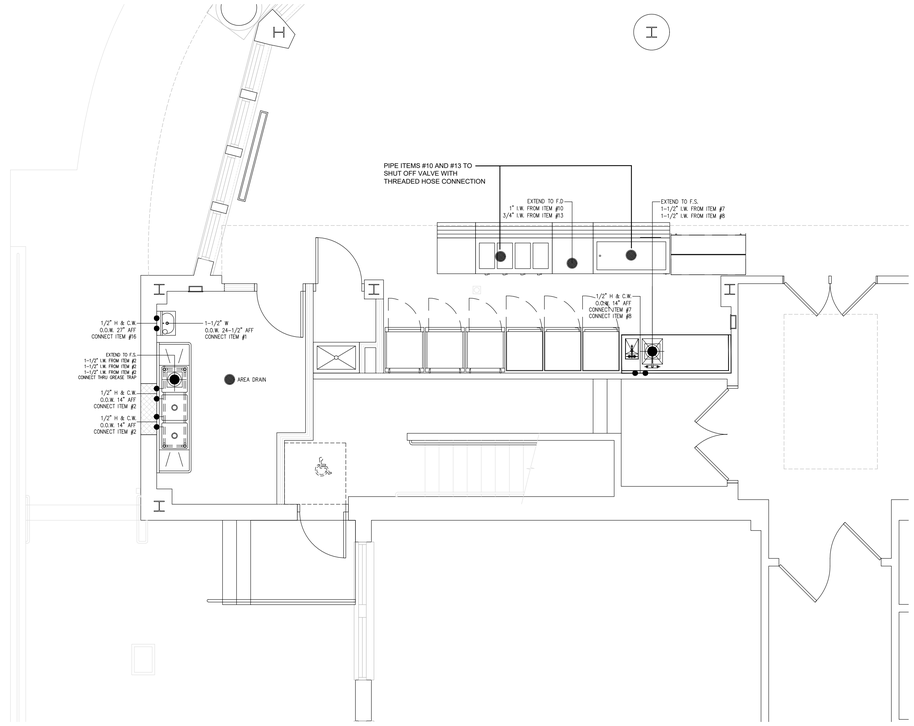
FOOD SERVICE EQUIPMENT PLAN
SCALE: 1/4"=1'-0"

E Q U I P M E N T S C H E D U L E

ITEM NO.	EQUIPMENT CATEGORY	QTY	HOT WATER SIZE (IN)	COLD WATER SIZE (IN)	DIRECT DRAIN SIZE (IN)	INDIR DRAIN SIZE (IN)	HP	KW	AMPS	PLUG	DIRECT	VOLTS	PHASE	NEMA	MANUFACTURER	MODEL NUMBER	EQUIPMENT REMARKS
1	HAND SINK, WALL MNTD.	1	1/2	1/2	1-1/2				2.0	X		120	1	5-15P	EAGLE GROUP/METAL MASTERS	HSA-10-FDPS	
2	3-COMPARTMENT SINK	1	1/2	1/2		1-1/2									EAGLE GROUP/METAL MASTERS	FN2060-3-18-14/3	
			1/2	1/2		1-1/2											
						1-1/2											
3	STORAGE SYSTEM, WALL MNTD.	1													EAGLE GROUP/ METAL MASTERS	WAL-STOR	
4	STORAGE SHELVING, PORTABLE	3													METRO	MQ21XXG	
5	CABINET, MOBILE, WARM/HOLD	3						1.5	12.0	X		120	1	5-15P	CRES COR	H137SUA12DSD	
6	CABINET, MOBILE, REFRIGERATED	3					0.33		12.0	X		120	1	5-15P	CRES COR	R171SUA10ESD	
7	WORK COUNTER W/ SINK	1	1/2	1/2		1-1/2									EMI NEW JERSEY	CUSTOM	
8	HAND SINK, BUILT-IN	1	1/2	1/2		1-1/2									EMI NEW JERSEY	CUSTOM	
9	MILK COOLER	1					0.33		2.2	X		120	1	5-15P	BEVERAGE-AIR	SM58HC-S	
10	COLD FOOD COUNTER, PORTABLE	1				1	0.33		6.3	X		120	1	5-15P	PIPER PRODUCTS	4-BCM	
11	FOOD PROTECTOR(S), ADJUSTABLE	1													PIPER PRODUCTS	CG	
12	FLAT TOP COUNTER, PORTABLE	1							12.0	X		120	1	5-15R	PIPER PRODUCTS	2-ST	
13	HOT FOOD COUNTER, PORTABLE	1				3/4		4.0	19.2	X		208	1	6-30P	PIPER PRODUCTS	4-HF	
14	FOOD PROTECTOR(S), ADJUSTABLE	1													PIPER PRODUCTS	CG	
15	CASHIER COUNTER, PORTABLE	1							12.0	X		120	1	5-15R	PIPER PRODUCTS	2-CD	



FOOD SERVICE ELECTRICAL CONNECTIONS PLAN
SCALE: 1/4"=1'-0"



FOOD SERVICE PLUMBING CONNECTIONS PLAN
SCALE: 1/4"=1'-0"

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S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE:
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
ADDITION AND RENOVATIONS TO EXISTING SCHOOL
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE:
FOOD SERVICE EQUIPMENT PLAN, SCHEDULE & NOTES

01-06-23	B I D
DATE	ISSUED TO

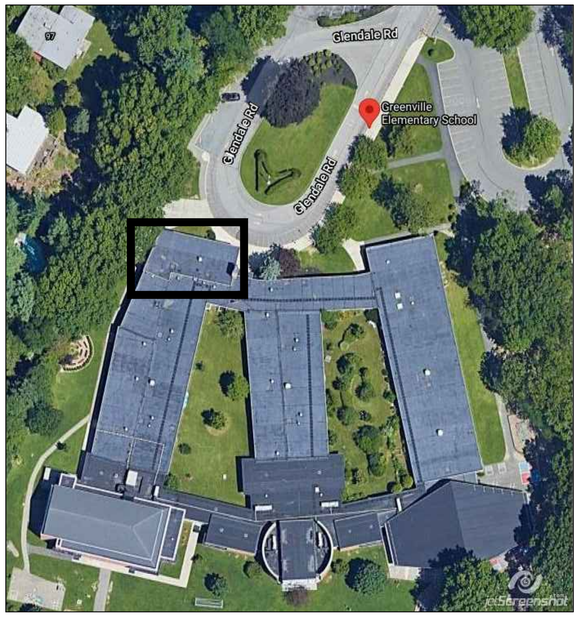
SHEET SIZE	DRAWING NO.
30"x42"	SPES FS102
SCALE 1/4"=1'-0"	
DRAWN BY F & D	FILE NO. 21434.01

PLOT DATE: December 28, 2021 - 1:17pm

FILE: C:\Users\RRADesigns\Dropbox (RRA Designs)\RRA Server\data\Drafting\Drawings\Schools\Edgemont School District\Seely ES\FS-ALL-Seely ES.dwg

LEGEND

M, MD	MOTORIZED DAMPER
ARCH	ARCHITECT
UP	DUCT UP
DN	DUCT DOWN
FCU	FAN COIL UNIT
LD	LINEAR DIFFUSER
CFM	CUBIC FEET PER MINUTE, AIR
R/A	RETURN AIR
S/A	SUPPLY AIR
OA	OUTSIDE AIR
EXH	EXHAUST
EG	EXHAUST GRILLE
(E)	EXISTING
(N)	NEW
(CD)	CEILING DIFFUSER
TYP.	TYPICAL
WMS	WIRE MESH SCREEN
ø	DIAMETER OF ROUND DUCT
RTU	ROOF-TOP UNIT
ERV	ENERGY RECOVERY VENTILATOR
HWC	HOT WATER COIL
MANU.	MANUFACTURER
TEMP	TEMPERATURE
MCA	MINIMUM CIRCUIT AMPACITY
RFS	RECOMMENDED FUSE SIZE
FLA	FULL LOAD AMPERES
MOCP	MAXIMUM OVERCURRENT PROTECTION
QTY	QUANTITY
EF	EXHAUST FAN
ESP	EXTERNAL STATIC PRESSURE
EWT	ENTERING WATER TEMPERATURE
LWT	LEAVING WATER TEMPERATURE
EAT	ENTERING AIR TEMPERATURE
LAT	LEAVING AIR TEMPERATURE
	DEMOLISH HIGHLIGHTED DUCTWORK AND EQUIPMENT
FD	FIRE DAMPER
COD	CABLE-OPERATED DAMPER
HP	HEAT PUMP
T	THERMOSTAT
SD	DUCT SMOKE DETECTOR
CO2	CARBON DIOXIDE SENSOR
#X#	DUCT DIMENSIONS (CLEAN INSIDE DIM.)
RAG	RETURN AIR GRILLE
———	NEW LOW PRESS. STEAM PIPING
———	NEW LOW PRESS. CONDENSATE PIPING
	VOLUME DAMPER ACROSS DUCTWORK
	POINT OF CONNECTION, NEW WORK TO EXISTING
A A	SECTION LINE



PROJECT DESCRIPTION

1. THE INTENT OF THIS PROJECT IS TO UPGRADE EXISTING HVAC SYSTEMS IN THE BUILDING. THIS INCLUDES, BUT IS NOT LIMITED TO, THE FOLLOWING WORK:
   - RIGGING OF NEW EQUIPMENT ONTO ROOF OF BUILDING
   - NEW STRUCTURAL STEEL DUNNAGE (REFER TO STRUCTURAL PLANS)
   - NEW GALVANIZED SHEET METAL DUCTWORK WHERE INDICATED
   - NEW DUCT MOUNTED STEAM COIL WHERE INDICATED
   - AIR TESTING AND BALANCING
   - NEW DDC CONTROLS FOR ALL EQUIPMENT. EQUIPMENT STARTUP AND TESTING BY FACTORY AUTHORIZED REPRESENTATIVES.
   - CLOSEOUT PACKAGE INCLUDING CUT SHEETS, AS BUILT DRAWINGS AND WARRANTY INFORMATION.
   - OWNER TRAINING ON NEW EQUIPMENT AND CONTROLS.

2. IN ADDITION TO EQUIPMENT SUBMITTALS CONTRACTOR SHALL ISSUE A 3/8" SCALE PIPING SHOP DRAWING TO ENGINEER FOR REVIEW AND APPROVAL PRIOR TO COMMENCEMENT OF WORK.

3. CONTRACTOR SHALL NOTE THAT EXISTING BAS HARDWARE IS MANUFACTURED BY ANDOVER. CONTRACTOR SHALL PROVIDE ALLOWANCE FOR HVAC CONTROLS AS INDICATED IN FRONT END SPECIFICATIONS.

ATC CONTRACTOR SHALL FURNISH AND INSTALL ALL HARDWARE AND WIRING REQUIRED FOR CONTROL AND MONITORING OF NEW HVAC EQUIPMENT. ATC CONTRACTOR SHALL DO ALL PROGRAMMING, BUILD ALL GRAPHICS FOR NEW EQUIPMENT AND UPDATE THERMAL FLOOR PLANS FOR NEW TEMPERATURE ZONES. ESTABLISH OCCUPANCY SCHEDULES WITH OWNER AND ROUTING OF ALARMS.

REFER TO CONTROLS DIAGRAM (SHEET M-102) FOR ADDITIONAL INFORMATION.

PROJECT NOTES:

1. ALL BIDDERS SHALL VISIT PROJECT SITE TO THOROUGHLY FAMILIARIZE THEMSELVES WITH EXISTING CONDITIONS. CLAIMS FOR EXTRA PAYMENTS FOR WORK, WHICH COULD HAVE BEEN IDENTIFIED VIA CAREFUL SITE INSPECTION, WILL NOT BE ACKNOWLEDGED.

2. PRIOR TO COMMENCEMENT OF WORK, CONTRACTOR SHALL PREPARE EQUIPMENT SUBMITTALS PER SPECIFICATIONS AND SUBMIT TO DESIGN ENGINEER FOR REVIEW/APPROVAL.

3. UPON COMPLETION OF WORK, CONTRACTOR SHALL SUBMIT AS-BUILTS DRAWINGS IN ACCORDANCE WITH SPECIFICATIONS.

4. PRIOR TO CLOSEOUT, CONTRACTOR SHALL SUBMIT OPERATION AND MAINTENANCE MANUAL TO ENGINEER FOR APPROVAL. FOLLOWING APPROVAL, CONTRACTOR SHALL DELIVER (1) HARD COPY AND (1) DIGITAL COPY ON THUMB DRIVE TO OWNER.

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S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
CAFETERIA RENOVATION AND RELATED WORK
SEELY PLACE ELEMENTARY SCHOOL
PHASE 1 - HVAC & CAFETERIA

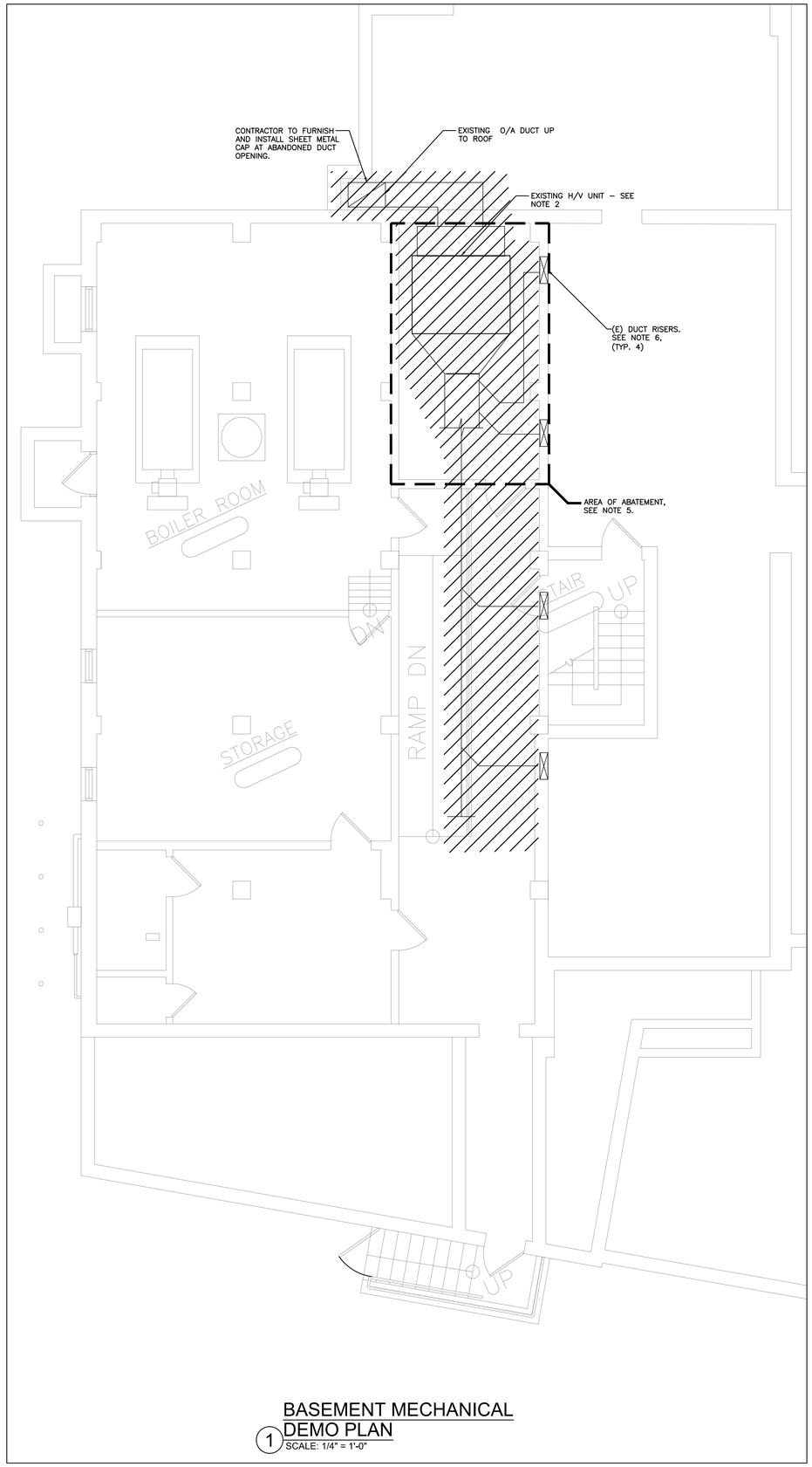
DRAWING TITLE
MECHANICAL NOTES & LEGEND

1-06-2023	BID
DATE	ISSUED TO

SHEET SIZE: 30"x42"	DRAWING NO.: GVES M001
SCALE: AS NOTED	
DRAWN BY: LFG	FILE NO.: 21434.01

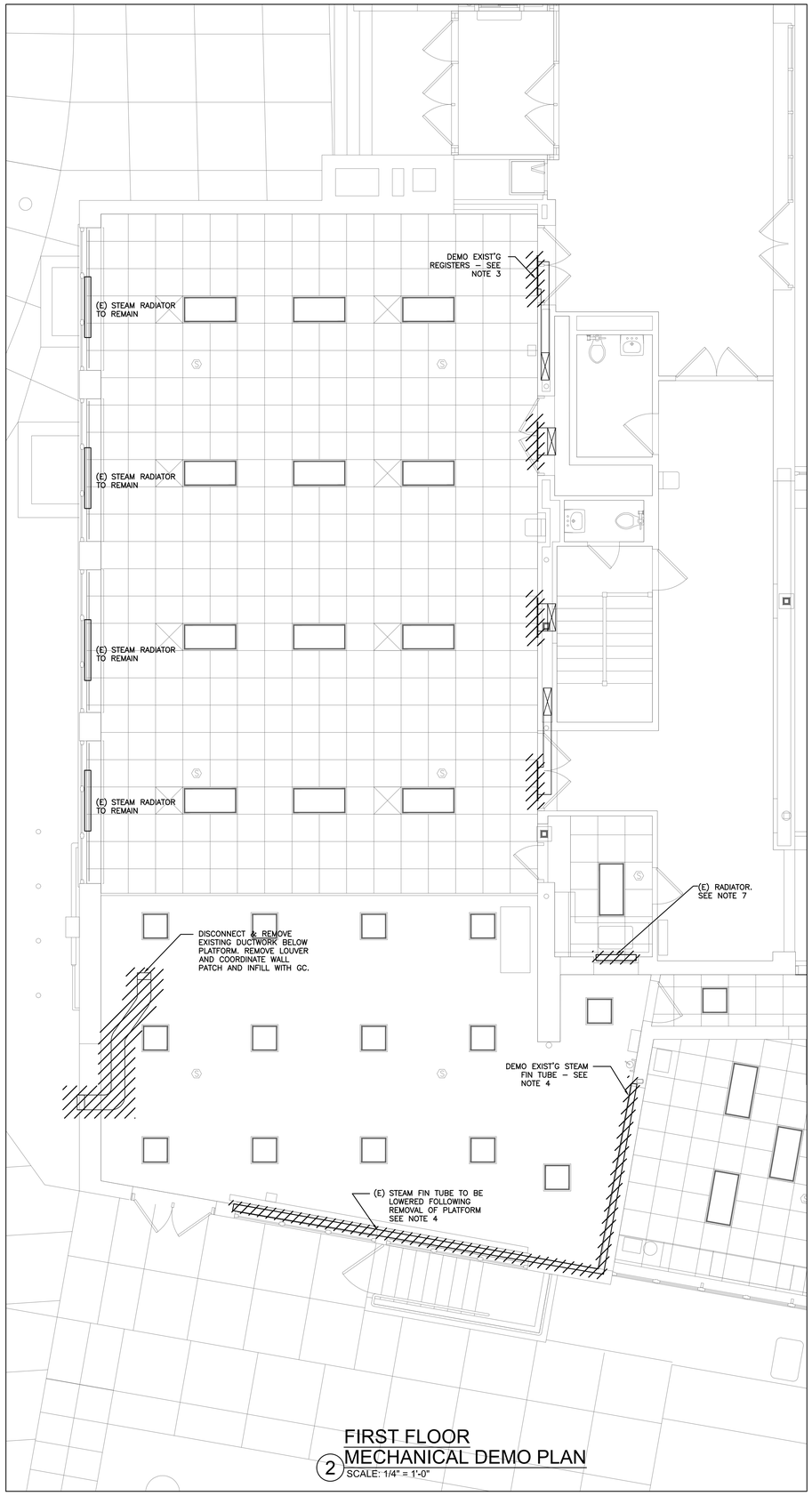
PLOT DATE: December 22, 2022 - 2:54pm

FILE: N:\Edgemont School District\Greenville Elementary\Cafeteria Reno\ACAD\Mechanical\GV CAFE_M001_M300.dwg



BASEMENT MECHANICAL DEMO PLAN

1 SCALE: 1/4" = 1'-0"



FIRST FLOOR MECHANICAL DEMO PLAN

2 SCALE: 1/4" = 1'-0"

NOTES:

1. REFER TO WRITTEN (BOOK) SPECS FOR ADDITIONAL INFORMATION.
2. DISCONNECT AND REMOVE EXISTING H/V UNIT AND ALL ASSOCIATED (EXPOSED DUCTWORK, PIPING AND HANGERS. CUT AND CAP STEAM AND CONDENSATE PIPING BACK TO MAINS. COORDINATE WITH ELECTRICIAN TO REMOVE POWER AND CONTROL WIRING.
3. DISCONNECT EXISTING HIGH SIDEWALL SUPPLY REGISTERS. DUCTWORK BURIED INSIDE WALLS SHALL BE ABANDONED. REFER TO ARCHITECTURAL PLANS AND COORDINATE WITH GC FOR PATCHING OF WALLS.
4. DEMO SECTION OF STEAM FIN TUBE SHOWN ON PLANS. RELOCATE STEAM CONDENSATE PIPE PENETRATION AND F&T TRAP BELOW FLOOR AS REQUIRED TO REFEED RELOCATED FIN TUBE TO REMAIN. FURNISH NEW INSULATED & LABELED STEAM PIPING BELOW FLOOR.
5. CONTRACTOR SHALL NOTE THAT EXISTING PIPE AND DUCT INSULATION HAS TESTED POSITIVE AS CONTAINING ASBESTOS. ABATEMENT TO BE PERFORMED BY OTHERS AND CONTRACTOR SHALL COORDINATE TIMING OF THIS WORK WITH NEW MECHANICAL WORK TO AVOID ANY CONFLICTS.
6. CONTRACTOR SHALL DICSONNECT ALL DUCTWORK SHOWN BUT NOT ABANDON VERTICAL RISER IN PLACE.
7. CONTRACTOR SHALL DISCONNECT AND REMOVE EXISTING STEAM RADIATOR, CUT AND CAP STEAM AND CONDENSATE PIPING BELOW FLOOR.

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S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
CAFETERIA RENOVATION AND RELATED WORK
SEELY PLACE ELEMENTARY SCHOOL
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
BASEMENT AND FIRST FLOOR MECHANICAL DEMO PLANS

1-06-2023	BID
DATE	ISSUED TO

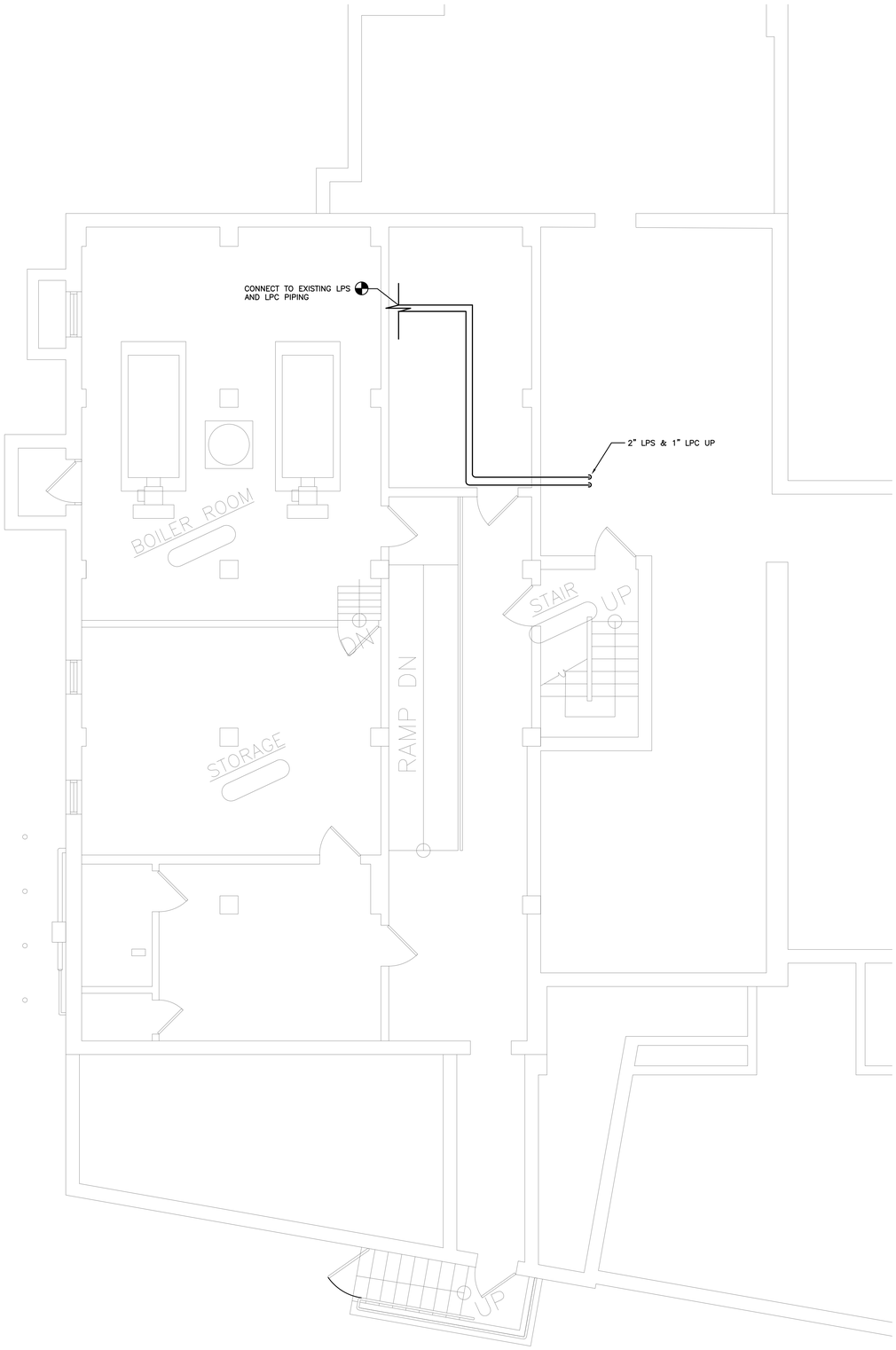
SHEET SIZE: 30"x42"	DRAWING NO.: GVES MD100
SCALE: AS NOTED	
DRAWN BY: LFG	FILE NO.: 21434.01

PLOT DATE: December 21, 2022 - 3:47pm

FILE: N:\Edgemont School District\Greenville Elementary\Cafeteria Reno\ACAD\Mechanical\GV CAFE_M001_M300.dwg

NOTES:

1. REFER TO WRITTEN (BOOK) SPECS FOR ADDITIONAL INFORMATION.
2. CONTRACTOR SHALL NOTE THAT EXISTING PIPE AND DUCT INSULATION HAS TESTED POSITIVE AS CONTAINING ASBESTOS. ABATEMENT TO BE PERFORMED BY OTHERS AND CONTRACTOR SHALL COORDINATE TIMING OF THIS WORK WITH NEW MECHANICAL WORK TO AVOID ANY CONFLICTS.



BASEMENT MECHANICAL PLAN
1 SCALE: 1/4" = 1'-0"

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S.E.D. CONTROL NUMBER:

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66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
CAFETERIA RENOVATION AND RELATED WORK
SEELY PLACE ELEMENTARY SCHOOL
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
BASEMENT MECHANICAL PLAN

DATE	ISSUED TO
1-06-2023	BID

SHEET SIZE: 30"x42"	DRAWING NO.: GVES M100
SCALE: AS NOTED	
DRAWN BY: LFG	FILE NO.: 21434.01

PLOT DATE: December 21, 2022 - 3:48pm

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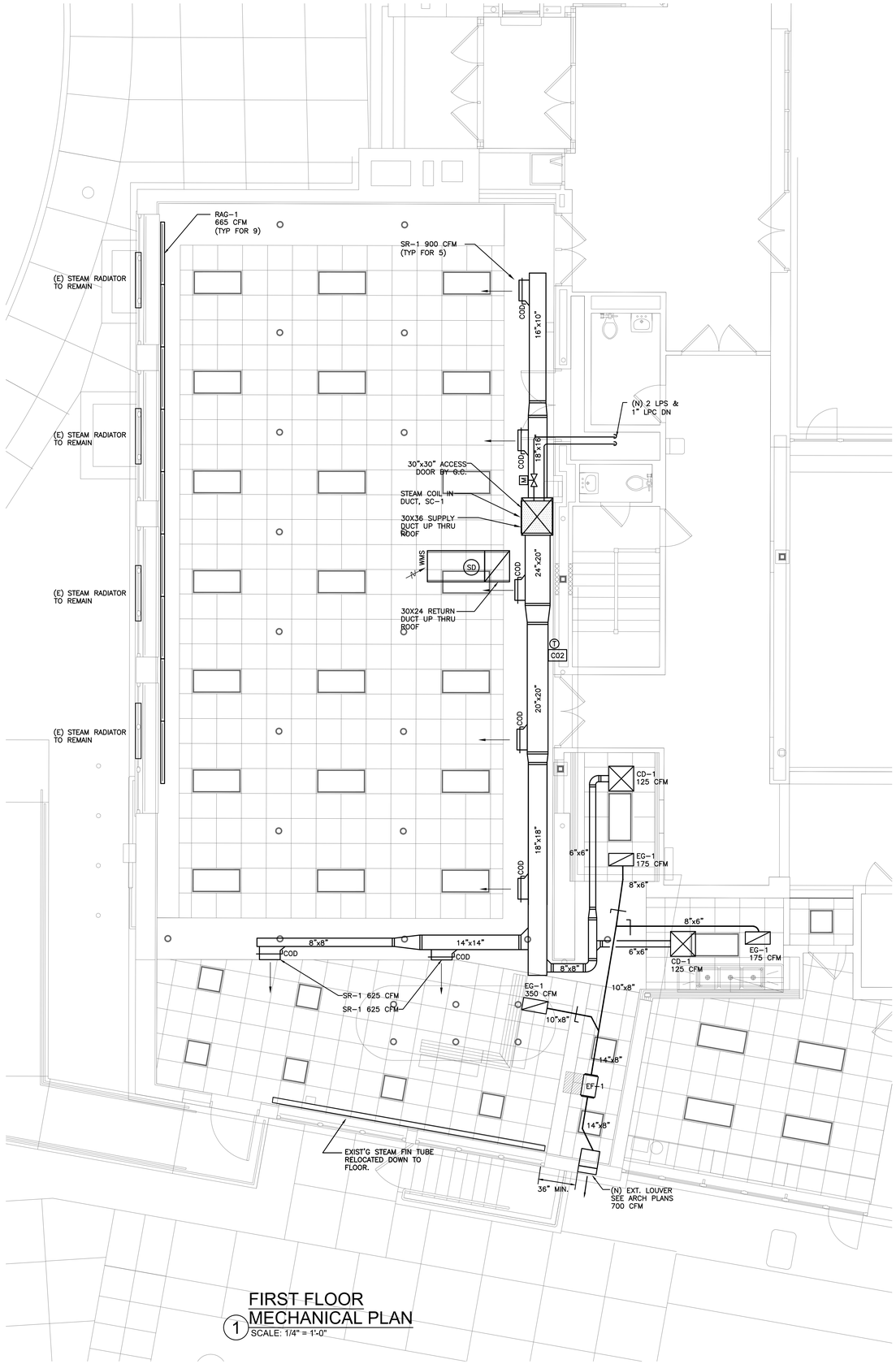

FIRST FLOOR
MECHANICAL PLAN
1 SCALE: 1/4" = 1'-0"

NOTES:

1. REFER TO WRITTEN (BOOK) SPECS FOR ADDITIONAL INFORMATION.
2. DUCTWORK SHALL BE INSTALLED TIGHT TO HUNG CEILING AS POSSIBLE. MAKE TRANSITIONS TO INLET AND OUTLET OF STEAM COIL IN LEAST AMOUNT OF VERTICAL SPACE. EXPOSED SPIRAL DUCT SHALL BE FURNISHED WITH 'PAINT GRIP' FINISH SUITABLE FOR FIELD PAINTING BY GC. DUCTWORK SHALL BE DOUBLE WALL TYPE WITH INTEGRAL INSULATION.
3. CONTRACTOR SHALL COORDINATE INSTALLATION OF ALL WALL MOUNTED DEVICES (IE. THERMSTATS) WITH ARCHITECT & DESIGN ENGINEER PRIOR TO ROUGHING WIRING.
4. ALL BRANCH DUCTS SHALL BE EQUIPPED WITH VOLUME DAMPERS WHETHER INDICATED ON PLANS OR NOT. DUCTS ABOVE HARD CEILINGS (INCLUDING SOFFITS) SHALL BE CABLE-OPERATED DAMPERS.
5. ALL DUCTWORK WITHIN 15 FT OF FANS SHALL BE INTERNALLY LINED WITH 1" LINER FOR ACOUSTICS.

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S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
CAFETERIA RENOVATION AND RELATED WORK
SEELY PLACE ELEMENTARY SCHOOL
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
FIRST FLOOR
MECHANICAL RCP

1-06-2023	BID
DATE	ISSUED TO

SHEET SIZE: 30"x42"	DRAWING NO.: GVES M101
SCALE: AS NOTED	
DRAWN BY: LFG	FILE NO.: 21434.01

PLOT DATE: December 21, 2022 - 3:49pm

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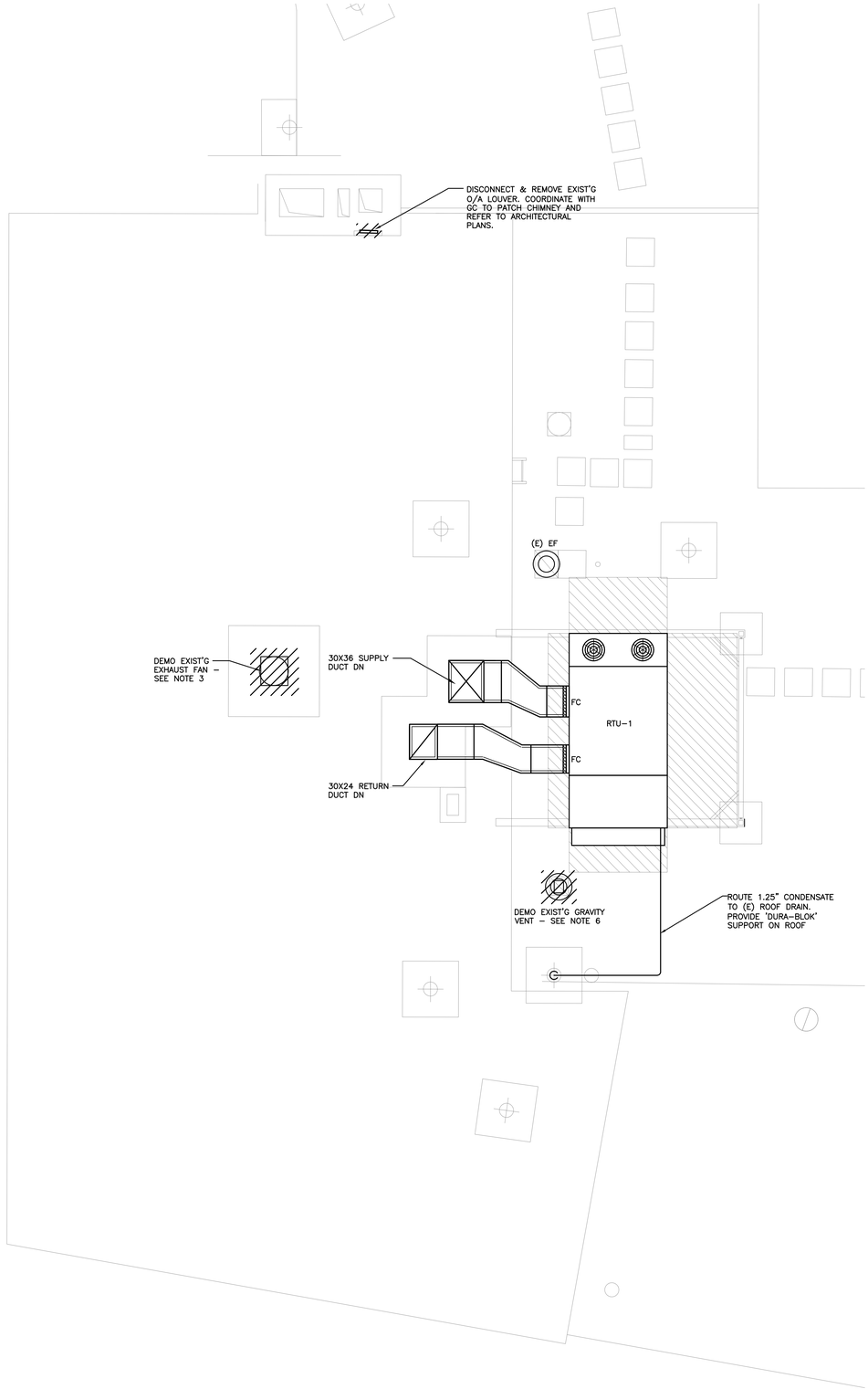
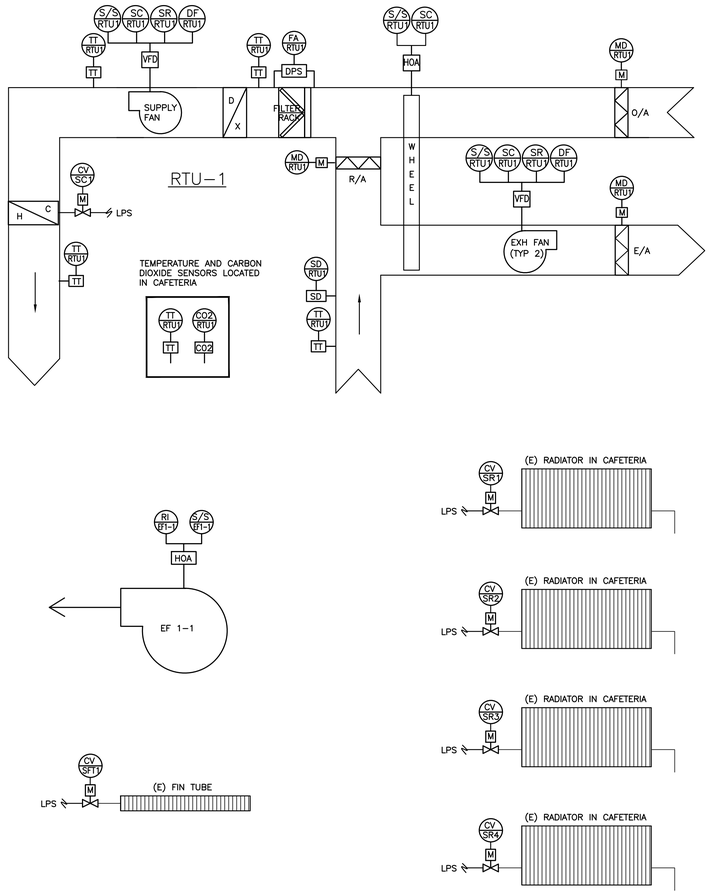


NOTES:

1. REFER TO WRITTEN (BOOK) SPECS FOR ADDITIONAL INFO
2. ALL DUCT TAPS AND BRANCH DUCTS SHALL HAVE MANUAL VOLUME DAMPERS.
3. CONTRACTOR SHALL REMOVE EXISTING FAN AND ASSOCIATED POWER AND CONTROL WIRING. COORDINATE WITH GC TO PATCH ROOF AND INFILL WITH LIKE MATERIALS.
4. ALL THERMOSTATS ARE NEW UNLESS OTHERWISE INDICATED ON PLANS.
5. RTU SHALL BE SET ON NEW STEEL DUNNAGE WITH 1" DEFLECTION SPRING ISOLATORS AT ALL POINTS OF SUPPORT.
6. DISCONNECT AND REMOVE EXISTING ABANDONED GRAVITY VENT CAP ON ROOF. REFER TO ARCHITECTURAL PLANS FOR ROOF SCOPE.



CONTROL SYSTEM DIAGRAM
NOT TO SCALE

1 ROOF MECHANICAL PLAN
SCALE: 1/4" = 1'-0"

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S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
CAFETERIA RENOVATION AND RELATED WORK
SEELY PLACE ELEMENTARY SCHOOL
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
ROOF MECHANICAL PLAN

1-06-2023	BID
DATE	ISSUED TO

SHEET SIZE: 30"x42"	DRAWING NO.: GVES M102
SCALE: AS NOTED	
DRAWN BY: LFG	FILE NO.: 21434.01

PLOT DATE: December 21, 2022 - 9:52pm

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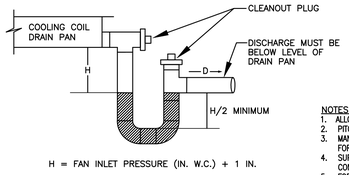
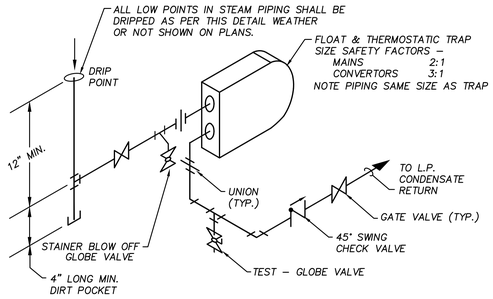


H = FAN INLET PRESSURE (IN. W.C.) + 1 IN.

NOTES:
1. ALLOW SUFFICIENT SPACE BELOW DRAIN PAN FOR TRAP.
2. PITCH DRAIN FOR PROPER RUN-OFF.
3. MANUALLY PRIME FILL TRAP BEFORE START-UP TO FORM INITIAL DRAIN SEAL.
4. SUPPORT LENGTHY DRAIN LINES TO PREVENT SAG AND CONDENSATE OVERFLOW.
5. FOR PIPING ON ROOF, ROUTE CONDENSATE PIPING TO WITHIN 5FT OF ROOF DRAIN.

CONDENSATE TRAP DETAIL DRAW-THRU UNIT

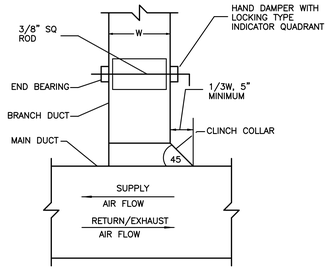
NO SCALE



LOW PRESSURE STEAM MAIN DRIP DETAIL

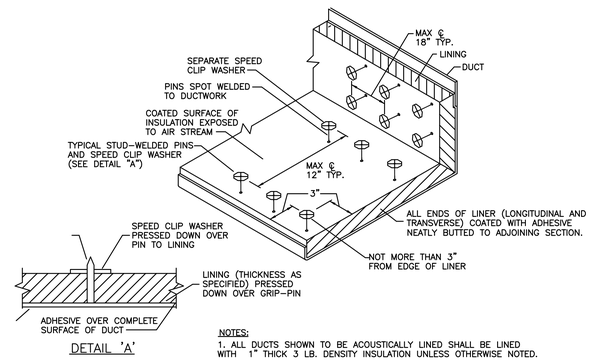
N.T.S.

NOTE:
FURNISH THIS TYPE CONNECTION WHEN SINGLE LINE DUCTWORK IS INDICATED AS THIS FOR LESS THAN 700 CFM AND MEDIUM PRESSURE BRANCHES WITH LESS THAN 1000 CFM



RECTANGULAR DUCT TAP

NO SCALE

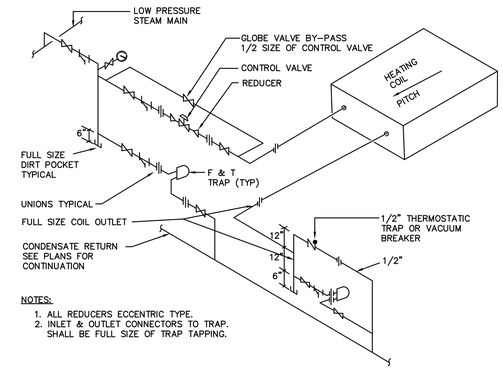


DETAIL 'A'

NOTES:
1. ALL DUCTS SHOWN TO BE ACOUSTICALLY LINED SHALL BE LINED WITH 1" THICK 3 LB. DENSITY INSULATION UNLESS OTHERWISE NOTED.

SOUND LINING INSTALLATION DETAIL

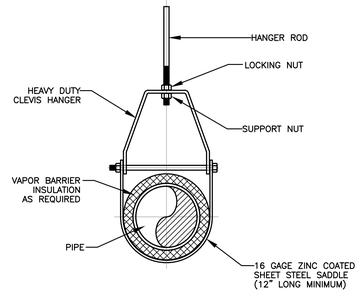
NO SCALE



NOTES:
1. ALL REDUCERS ECCENTRIC TYPE.
2. INLET & OUTLET CONNECTORS TO TRAP. SHALL BE FULL SIZE OF TRAP TAPPING.

HORIZONTAL STEAM HEATING COIL PIPING

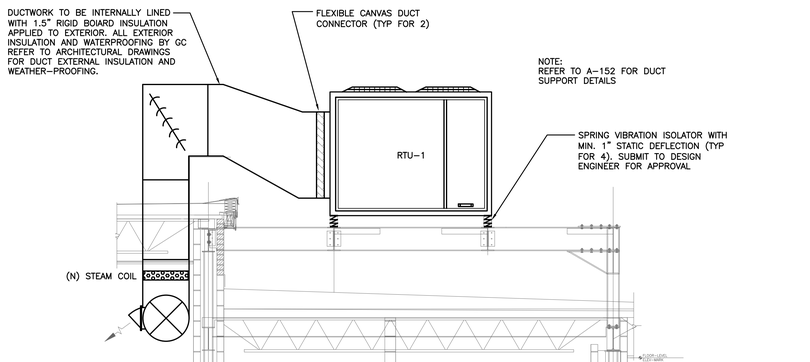
N.T.S.



HANGER ROD SCHEDULE			
PIPE SIZE	ROD SIZE	PIPE SIZE	ROD SIZE
UP TO 2"	3/8" DIA.	4" THRU 5"	5/8" DIA.
2 1/2" THRU 3"	1/2" DIA.	6" THRU 12"	7/8" DIA.

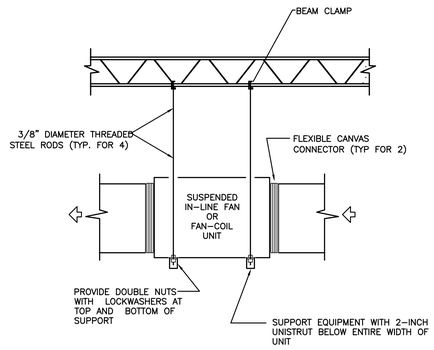
CLEVIS HANGER

HORIZONTAL RUNS



ROOFTOP UNIT INSTALLATION DETAIL

NO SCALE



INLINE FAN SUPPORT DETAIL

TYPICAL FOR CEILING-MOUNTED FAN-COIL UNITS AND EXHAUST FANS
NO SCALE

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66-04-06-03-0-001-019

PROJECT TITLE
ESCENTIAL SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
CAFETERIA RENOVATION AND RELATED WORK
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
MECHANICAL DETAILS

1-06-2023	BID
DATE	ISSUED TO
SHEET SIZE 30"x42"	DRAWING NO. GVES M200
SCALE AS NOTED	
DRAWN BY LFG	FILE NO. 21434.01

PLOT DATE: December 21, 2022 - 3:49pm

FILE: N:\Edgemont School District\Greenville Elementary\Cafeteria Reno\ACAD\Mechanical\GV CAFE_M001_M300.dwg

NEW PACKAGED ROOFTOP UNIT WITH ENERGY RECOVERY SCHEDULE

TAG	MFG	MODEL NO.	AIR FLOW (CFM)		MOTOR HP	ESP (IN. WC)	COOLING							OUTSIDE AIR TEMP	SUPPLY AIR TEMP (DB/WB)	VOLTAGE/PH	MCA	MOCP	WEIGHT (LBS)	NOTES
			TOTAL	OUTDOOR			TOTAL (MBH)	SENSIBLE (MBH)	ENT AIR DB	ENT AIR WB	LEAV. AIR DB	LEAV. AIR WB	EER							
RTU-1	TRANE	THH180G3R0D	6065	2995	3.0	1.5	182.62	148.32	79.4	66.3	59.96	57.95	12.1	95.0	62.06/58.75	208/3	73.0	100.0	3141	1

NOTES:
1. UNIT SHALL BE EQUIPPED WITH ENERGY RECOVERY WHEEL.
2. PROVIDE WALL MOUNT CO2 SENSOR FOR DEMAND CONTROL VENTILATION.
3. REFER TO RTU MOUNTING DETAIL FOR ADDITIONAL INFORMATION.
4. UNIT SHALL BE FURNISHED WITH FACTORY BACNET CARD. COORDINATE WITH ATC VENDOR PRIOR TO ORDERING.
5. MAINTAIN MANUFACTURER'S RECOMMENDED SERVICE CLEARANCE ON ALL SIDES.
6. UNIT SHALL BE FURNISHED WITH FACTORY GFI RECEPTACLE FOR SERVICE.

STEAM HEATING COIL SCHEDULE

TAG	MFG	MODEL	TYPE	CFM	P.D. (IN. WC)	CAPACITY (MBH)	EAT DB	LAT DB	STEAM PRESS. (PSI)	AIR VELOCITY (FPM)	ROWS	FPI	AREA SERVED
SC-1	CAPITOL COIL	M8-3024-14A-HCA-R	HORIZONTAL	6000	0.69	233.2	50.6	86.5	2.0	1200	1	14	CAFETERIA

NOTES:
1. REFER TO STEAM COIL DETAIL FOR ADDITIONAL INFORMATION.
2. PROVIDE MOTORIZED MODULATING CONTROL VALVE AS MANUFACTRED BY BELIMO.

EXHAUST FAN SCHEDULE

TAG	SERVICE	LOCATION	MFG	MODEL	AIR FLOW (CFM)	STATIC PRESS. (IN. H20)	RPM	HP	VOLTAGE	FLA
EF-1	CAFETERIA	CEILING	COOK	100SQN17DEC	700	0.40	1725	1/4	115-1-60	5.8

NOTES:
1. PROVIDE FACTORY BACKDRAFT DAMPER.
2. PROVIDE VARIABLE SPEED ECM MOTOR WITH SPEED CONTROL.
3. FAN SHALL BE TIED TO BAS AND SCHEDULED TO RUN ONLY DURING SERVING TIMES (IE. 11:30A-1P).

EXTERIOR LOUVER SCHEDULE

TAG	EL-1
PRODUCT TYPE	DRAINABLE LOUVER
MANUFACTURER	AIROLITE
MODEL	K6744
AREA (IN. X IN.)	18 X 18
DEPTH (IN.)	4
FREE AREA (%)	56

NOTES:
1. LOUVER SHALL BE FURNISHED WITH INSECT SCREEN.
2. PROVIDE KYNAR FINISH & REFER TO ARCHITECTURAL PLANS FOR COLOR.

VENTILATION AIR REQUIREMENTS

Project:	Greenville Elementary Cafeteria Renovation			State:	New York	Relevant Code:	IMC 2020		
HVAC ZONE	AREA SERVED	OCCUPANCY CLASSIFICATION	OCCUPANT DENSITY (#/1000 SQFT)	OCCUPANT LOAD Pz (Az)	REQUIRED VENTILATION Rp / Ra	ZONE AIR DIST. EFFECTIVENESS (Ez)	O.A/E.A. REQUIRED (CFM) Vbz	O.A/E.A. DESIGN (CFM)	REMARKS
Zone 1	[129] CAFETERIA	Cafeteria	-	161 (2547.94 SF)	7.5 CFM/PERSON 0.18 CFM/SF	0.8	2083	2085	1
	[C13.3] KITCHEN GALLEY	Kitchens	20	2 (71.18 SF)	7.5 CFM/PERSON 0.12 CFM/SF	0.8	29	30	
	CALCULATED OUTSIDE/MAKEUP AIR FOR SYSTEM TOTAL						2112	2115	

REMARKS:
1. OCCUPANCY DETERMINED BY EXPECTED NUMBER OF SEATS IN THE SPACE

AIR OUTLET SCHEDULE

TAG	MFG	MODEL	AIRFLOW (CFM)	SIZE	NOTES
SR-1	TITUS	DL	SEE DWGS	20X12	
CD-1	TITUS	OMNI	SEE DWGS	24X24	
RAG-1	TITUS	MLR-39	SEE DWGS	5FT LONG	(3) 1" SLOTS
EG-1	TITUS	350RL	SEE DWGS	24X12	

NOTES:
1. ALL AIR OUTLETS SHALL BE WHITE UNLESS OTHERWISE NOTED ON PLANS.

BRANCH DUCT SCHEDULE

AIR FLOW (CFM)	ROUND DUCT SIZE (IN.)
0 -105	6
106-160	7
161-230	8
231-320	9
321-420	10
421-685	12
686-1025	14
1026-1450	16
1451-2000	18

NOTES:
1. WHETHER OR NOT INDICATED ON PLANS, CONTRACTOR SHALL FURNISH AND INSTALL MANUAL VOLUME DAMPERS IN ALL SUPPLY AND RETURN BRANCH DUCTS.

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S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
CAFETERIA RENOVATION AND RELATED WORK
SEELY PLACE ELEMENTARY SCHOOL
PHASE 1 - HVAC & CAFETERIA

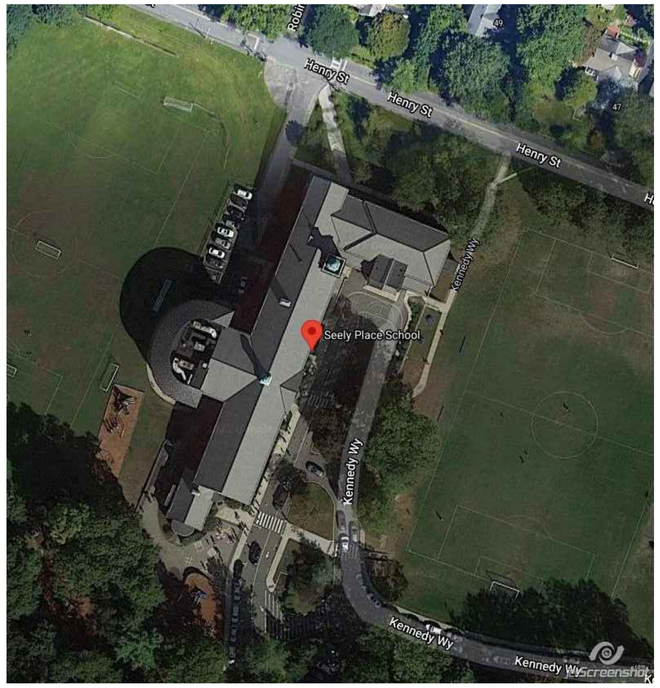
DRAWING TITLE
MECHANICAL SCHEDULES

DATE	ISSUED TO
6-17-2022	ADDENDUM #2
1-10-2022	BID

SHEET SIZE 30"x42"
DRAWING NO. GVES M300
SCALE AS NOTED
DRAWN BY LFG
FILE NO. 21434.01

PLOT DATE: December 21, 2022 - 3:50pm

FILE: N:\Edgemont School District\Greenville Elementary\Cafeteria Reno\ACAD\Mechanical\GV CAFE_M001_M300.dwg



PROJECT DESCRIPTION

1. THE INTENT OF THIS PROJECT IS TO REPLACE EXISITNG HVAC EQUIPMENT SERVING THE ADDITION WITH A NEW WATER-SOURCE VRF SYSTEM. THIS INCLUDES, BUT IS NOT LIMITED TO, THE FOLLOWING WORK:

- DEMO OF EXISTING EQUIPMENT AND DUCTWORK.
- RIGGING OF NEW EQUIPMENT ONTO ROOF OF REAR ADDITION.
- NEW STRUCTURAL STEEL DUNNAGE (REFER TO STRUCTURAL PLANS).
- NEW GALVANIZED SHEET METAL DUCTWORK ON ROOF AND WHERE INDICATED.
- NEW VRF FAN COIL UNITS.
- NEW HVAC EQUIPMENT ON ROOF.
- NEW INSULATED REFRIGERANT PIPING TO ALL FAN COIL UNITS.
- NEW CONDENSER WATER PUMPS, TRIM AND ACCESSORIES.
- NEW CLOSED-CIRCUIT COOLING TOWER ON ROOF.
- NEW DX-TO-WATER HEAT EXCHANGERS IN ATTIC.
- AIR AND WATER TESTING AND BALANCING.
- NEW WEB-BASED DDC HVAC CONTROL SYSTEM FOR ALL NEW EQUIPMENT. NEW VRF EQUIPMENT SHALL BE EQUIPPED WITH FACTORY CONTROLS AND BACnet INTERFACE SUCH THAT ALL POINTS AND ALARMS WILL PASS THRU TO NEW BMS.
- EQUIPMENT STARTUP AND TESTING BY FACTORY AUTHORIZED REPRESENTATIVES.
- CLOSEOUT PACKAGE INCLUDING CUT SHEETS, AS BUILT DRAWINGS AND WARRANTY INFORMATION.
- OWNER TRAINING ON NEW EQUIPMENT AND CONTROLS.

2. IN ADDITION TO EQUIPMENT SUBMITTALS CONTRACTOR SHALL ISSUE 3/8" SCALE SHEET METAL AND PIPING SHOP DRAWINGS TO ENGINEER FOR REVIEW AND APPROVAL PRIOR TO COMMENCEMENT OF WORK.

3. CONTRACTOR SHALL ENGAGE A LICENSED DUCT CLEANING CONTRACTOR TO PROFESSIONALLY CLEAN ALL EXISTING SUPPLY AND RETURN AIR DUCTWORK IN PROJECT AREA. PROVIDE ALL NECESSARY ACCESS POINTS INTO THE DUCT SYSTEM TO SUPPORT THIS WORK. UPON COMPLETION OF THE WORK, PROVIDE A LETTER TO THE OWNER AND INCLUDE ALL ACCESS DOORS IN AS-BUILT DRAWINGS.

4. CONTRACTOR SHALL NOTE THAT EXISTING BAS HARDWARE IS MANUFACTURED BY ANDOVER. CONTRACTOR SHALL PROVIDE ALLOWANCE FOR HVAC CONTROLS AS INDICATED IN FRONT END SPECIFICATIONS.

ATC CONTRACTOR SHALL FURNISH AND INSTALL ALL HARDWARE AND WIRING REQUIRED FOR CONTROL AND MONITORING OF NEW HVAC EQUIPMENT. ATC CONTRACTOR SHALL DO ALL PROGRAMMING, BUILD ALL GRAPHICS FOR NEW EQUIPMENT AND CREATE THERMAL FLOOR PLANS FOR ALL TEMPERATURE ZONES. ESTABLISH OCCUPANCY SCHEDULES WITH OWNER AND ROUTING OF ALARMS.

REFER TO CONTROLS DIAGRAM (SHEET M-201) FOR ADDITIONAL INFORMATION.

PROJECT NOTES:

1. ALL BIDDERS SHALL VISIT PROJECT SITE TO THOROUGHLY FAMILIARIZE THEMSELVES WITH EXISTING CONDITIONS. CLAIMS FOR EXTRA PAYMENTS FOR WORK, WHICH COULD HAVE BEEN IDENTIFIED VIA CAREFUL SITE INSPECTION, WILL NOT BE ACKNOWLEDGED.

2. PRIOR TO COMMENCEMENT OF WORK, CONTRACTOR SHALL PREPARE EQUIPMENT SUBMITTALS PER SPECIFICATION AND SUBMIT TO DESIGN ENGINEER FOR REVIEW/APPROVAL.

3. UPON COMPLETION OF WORK, CONTRACTOR SHALL SUBMIT AS-BUILTS DRAWINGS IN ACCORDANCE WITH SPECIFICATIONS.

4. PRIOR TO CLOSEOUT, CONTRACTOR SHALL SUBMIT OPERATION AND MAINTENANCE MANUAL TO ENGINEER FOR APPROVAL. FOLLOWING APPROVAL, CONTRACTOR SHALL DELIVER (1) HARD COPY AND (1) DIGITAL COPY ON THUMB DRIVE TO OWNER.

DEVICE MATRIX

TYPE	STATUS (UNLESS OTHERWISE NOTED ON DRAWING SHEETS) E	E_p	R	N
TEMPERATURE SENSOR, IN DUCT				X
TEMPERATURE SENSOR, IN PIPE				
TEMPERATURE SENSOR, SPACE (HEATING)			X	
TEMPERATURE SENSOR, SPACE (COOLING)				X
SMOKE DETECTOR, IN DUCT				X
MOTOR STARTER (HOT WATER PUMPS)	X			
VARIABLE FREQUENCY DRIVE (CONDENSER WATER PUMPS)				X
DIFF. PRESSURE SWITCH, IN DUCT				X
PRESSURE TRANSDUCER, IN PIPE				X
PRESSURE TRANSDUCER, IN DUCT				X
WATER CONTROL VALVE, BODY				X
WATER CONTROL VALVE, ACTUATOR				X
AIR DAMPER				X
AIR DAMPER ACTUATOR				X
CONTROL RELAY				X
CURRENT SWITCH (RUN INDICATOR)				X
OUTDOOR TEMPERATURE & HUMIDITY SENSOR				X
CO2 SENSOR, IN SPACE				X
				X

LEGEND

E = EXISTING TO REMAIN
E_p = EXISTING PNEUMATIC DEVICE TO BE REPLACED WITH NEW ELECTRIC. FURNISH NEW WIRING AS REQ'D.
R = REPLACE WITH NEW DEVICE, CONNECT TO EXISTING WIRING
N = PROVIDE NEW DEVICE AND ASSOCIATED WIRING

LEGEND

	FAN OR PUMP
	FAN OR PUMP
TT	TEMPERATURE TRANSMITTER
HT	HUMIDITY TRANSMITTER
FS	FLOW SWITCH
HOA	HAND OFF AUTO
M, MD	MOTORIZED OPERATOR
SD	SMOKE DETECTOR
VFD	VARIABLE FREQUENCY DRIVE
DPS	DIFFERENTIAL PRESSURE SWITCH
LL	LOW LIMIT SWITCH (FREEZESTAT)
CO2	CARBON DIOXIDE LEVEL SENSOR
CV	CONTROL VALVE (MODULATING)
RI	RUN INDICATOR
FR	FIRING RATE
CS	COMPRESSOR STATUS
HWR	HOT WATER RETURN
CWS	CONDENSER WATER SUPPLY
CWR	CONDENSER WATER RETURN
PT	PRESSURE TRANSDUCER
A/D	ACCESS DOOR
ERV	ENERGY RECOVERY VENTILATOR
FCU	FAN COIL UNIT
R/A	RETURN AIR
S/A	SUPPLY AIR
O/A	OUTSIDE AIR
(E)	EXISTING
(N)	NEW
X-X	ZONE DESIGNATION
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
VD	VOLUME DAMPER
EF	EXHAUST FAN
	ISOLATION VALVE
FD	FIRE DAMPER
T	THERMOSTAT
H	HUMIDISTAT
FCP	FACTORY CONTROL PANEL
SC	SPEED CONTROL
SD	SMOKE DETECTOR (DUCT MOUNTED)
SR	SPEED REFERENCE
DF	DRIVE FAULT
UV	UNIT VENTILATOR
V.I.F.	VERIFY IN FIELD
WSHP	WATER SOURCE HEAT PUMP
HHX	HYDRONIC HEAT EXCHANGER
LD	LEAK DETECTOR
	MARKED FOR DEMO
— —	DX PIPING (1 SET)
— —	CONDENSATE PIPING
———	CONDENSER WATER SUPPLY
— - —	CONDENSATE WATER RETURN
XX X-X	BAS INTERFACE POINT (NEW UNLESS OTHERWISE NOTED)
	POINT OF CONNECTION, NEW WORK TO EXISTING
	BS - BRANCH BOX
	NEW EXTENSION OF EXISTING EQUIPMENT PAD

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S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
ADDITION AND RELATED WORK
PHASE 1 - HVAC & CAFETERIA

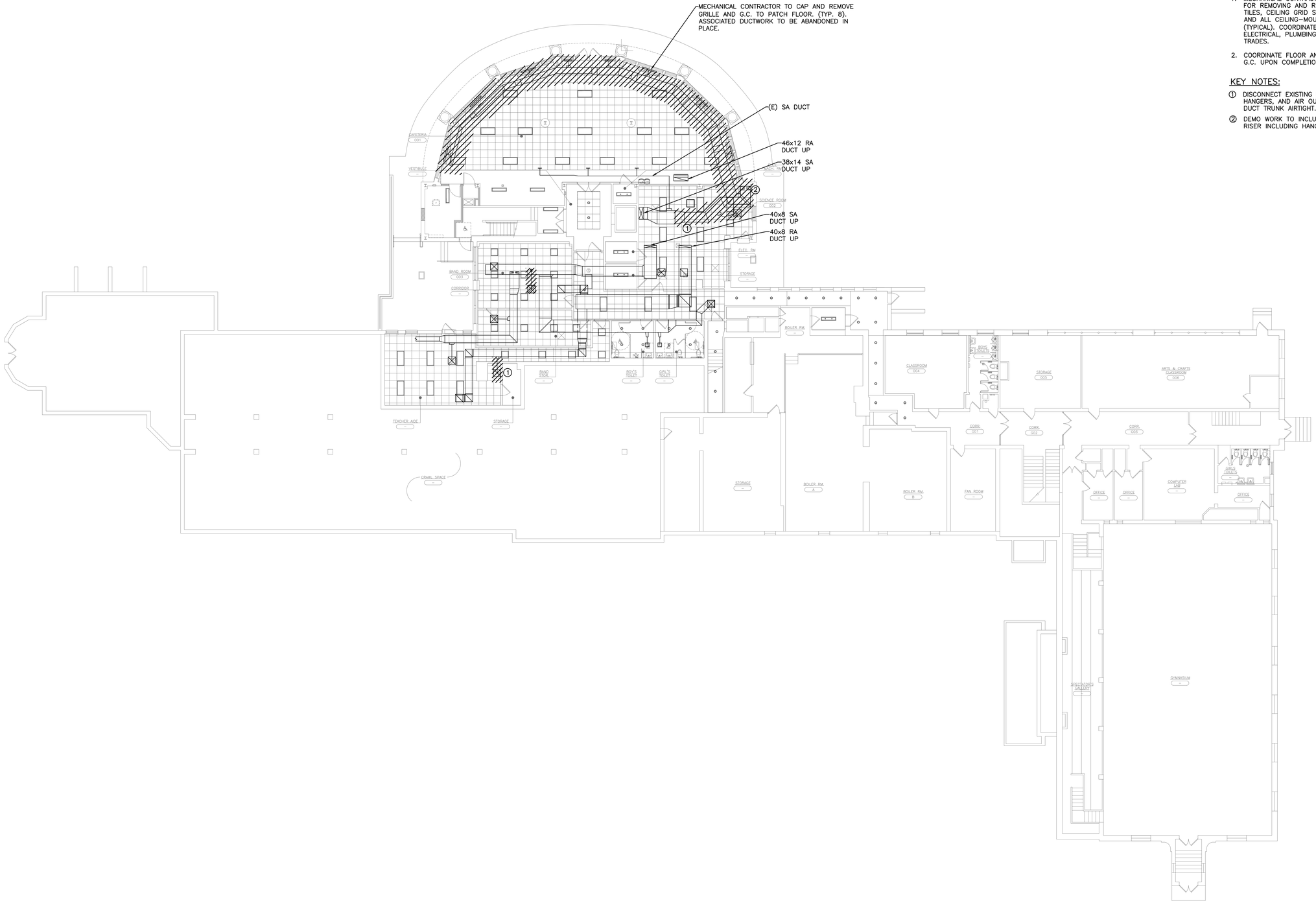
DRAWING TITLE
MECHANICAL NOTES & LEGEND

DATE	ISSUED TO
1-06-2023	BID

SHEET SIZE 30"x42"	DRAWING NO. SPES M001
SCALE AS NOTED	
DRAWN BY LFG	FILE NO. 21434.01

PLOT DATE: December 22, 2022 - 2:55pm

FILE: N:\Edgemont School District\Seely Place Elementary Phase I\ACAD\Mechanical\SPES_M001_200_Addendum 2.dwg



SEELY ELEMENTARY SCHOOL
1 MECHANICAL DEMO PLAN - LOWER LEVEL
SCALE: 3/32" = 1'-0"

0 2' 4' 8' 16'

NOTES:

1. MECHANICAL CONTRACTOR IS RESPONSIBLE FOR REMOVING AND RE-INSTALLING CEILING TILES, CEILING GRID SUSPENSION SYSTEM, AND ALL CEILING-MOUNTED DEVICES (TYPICAL). COORDINATE CEILING SCOPE WITH ELECTRICAL, PLUMBING, AND CONTROLS TRADES.
2. COORDINATE FLOOR AND WALL PATCHING WITH G.C. UPON COMPLETION OF DEMO WORK.

KEY NOTES:

① DISCONNECT EXISTING BRANCH DUCT, HANGERS, AND AIR OUTLET. CAP AND SEAL DUCT TRUNK AIRTIGHT.

② DEMO WORK TO INCLUDE EXISTING DUCTWORK RISER INCLUDING HANGERS.

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S.E.D. CONTROL NUMBER:

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66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

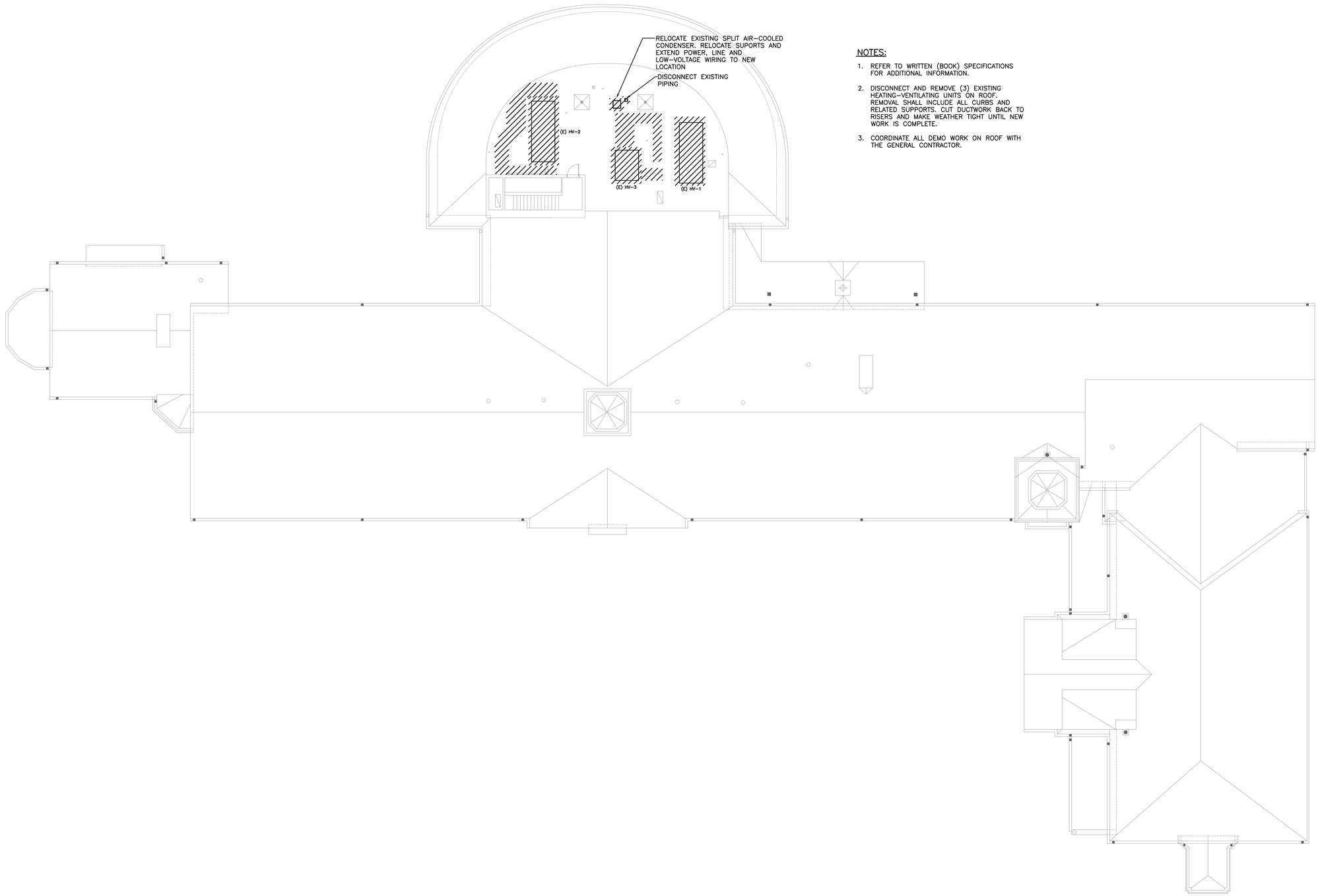
PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
ADDITION AND RELATED WORK
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
MECHANICAL DEMO PLAN
LOWER LEVEL

1-06-2023	BID
DATE	ISSUED TO
SHEET SIZE: 30"x42"	DRAWING NO.: SPES MD100
SCALE: AS NOTED	
DRAWN BY: LFG	FILE NO.: 21434.01

PLOT DATE: December 21, 2022 - 1:49pm

FILE: N:\Edgemont School District\Seely Place Elementary Phase I\ACAD\Mechanical\SPES_M001_200_Addendum 2_JDB.dwg



NOTES:

1. REFER TO WRITTEN (BOOK) SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. DISCONNECT AND REMOVE (3) EXISTING HEATING-VENTILATING UNITS ON ROOF. REMOVAL SHALL INCLUDE ALL CURBS AND RELATED SUPPORTS. CUT DUCTWORK BACK TO RISERS AND MAKE WEATHER TIGHT UNTIL NEW WORK IS COMPLETE.
3. COORDINATE ALL DEMO WORK ON ROOF WITH THE GENERAL CONTRACTOR.

SEELY ELEMENTARY SCHOOL
1 MECHANICAL DEMO PLAN - ROOF
SCALE: 3/32" = 1'-0"

0 2' 4' 8' 16'

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SEELY PLACE ELEMENTARY SCHOOL
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PROJECT TITLE
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GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
ADDITION AND RELATED WORK
SED CONTROL NO. 66-04-06-03-0-008-021
PHASE 1 - HVAC & CAFETERIA

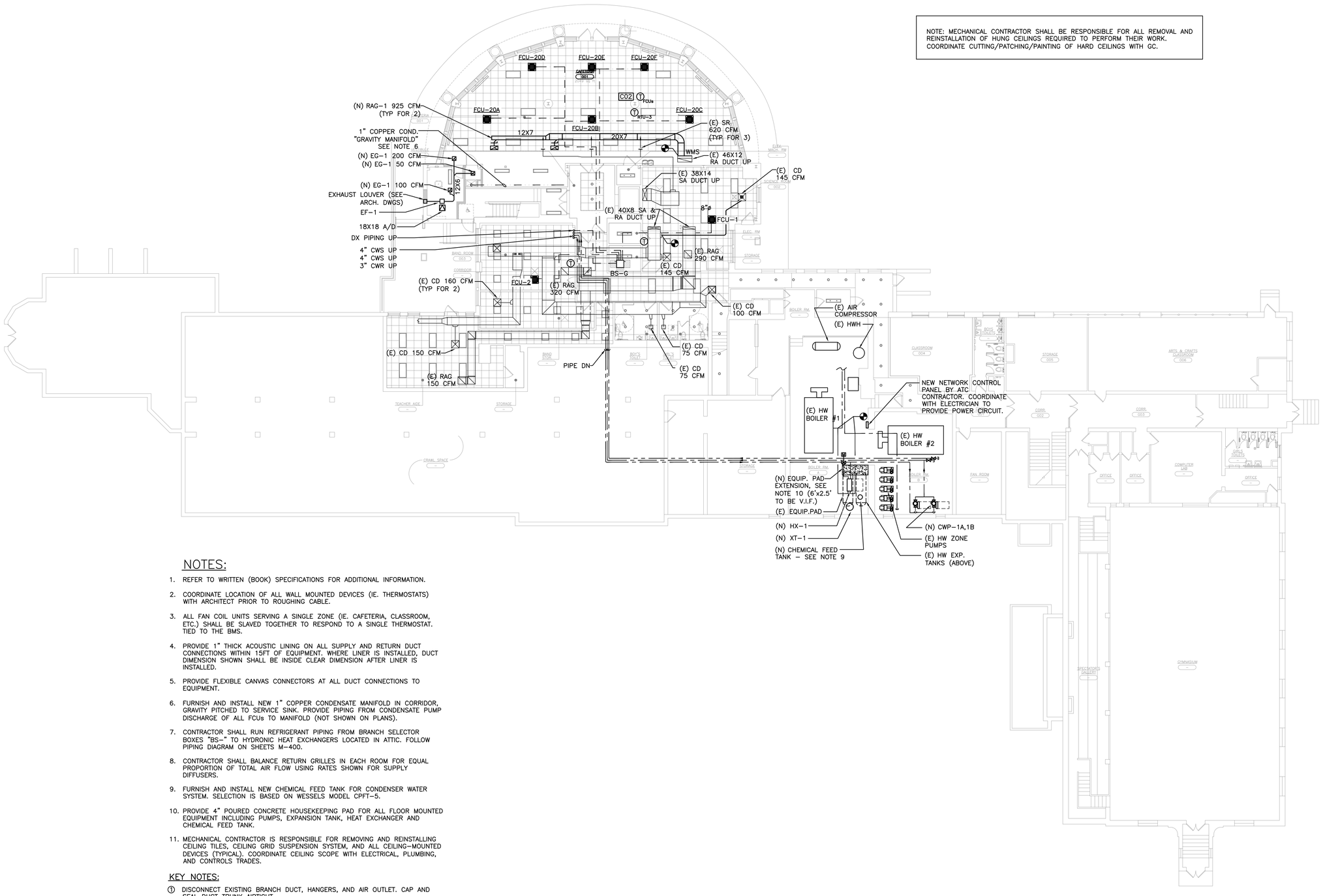
DRAWING TITLE
MECHANICAL DEMO PLAN - ROOF

1-06-2023	BID
DATE	ISSUED TO

SHEET SIZE 30"x42"	DRAWING NO. SPES MD101
SCALE AS NOTED	
DRAWN BY LFG	FILE NO. 21434.01

PLOT DATE: December 21, 2022 - 1:52pm

FILE: N:\Edgemont School District\Seely Place Elementary Phase I\ACAD\Mechanical\SPES_M001_200_Addendum 2_JDB.dwg



NOTE: MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REMOVAL AND REINSTALLATION OF HUNG CEILINGS REQUIRED TO PERFORM THEIR WORK. COORDINATE CUTTING/PATCHING/PAINTING OF HARD CEILINGS WITH GC.

NOTES:

1. REFER TO WRITTEN (BOOK) SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. COORDINATE LOCATION OF ALL WALL MOUNTED DEVICES (IE. THERMOSTATS) WITH ARCHITECT PRIOR TO ROUGHING CABLE.
3. ALL FAN COIL UNITS SERVING A SINGLE ZONE (IE. CAFETERIA, CLASSROOM, ETC.) SHALL BE SLAVED TOGETHER TO RESPOND TO A SINGLE THERMOSTAT. TIED TO THE BMS.
4. PROVIDE 1" THICK ACOUSTIC LINING ON ALL SUPPLY AND RETURN DUCT CONNECTIONS WITHIN 15FT OF EQUIPMENT. WHERE LINER IS INSTALLED, DUCT DIMENSION SHOWN SHALL BE INSIDE CLEAR DIMENSION AFTER LINER IS INSTALLED.
5. PROVIDE FLEXIBLE CANVAS CONNECTORS AT ALL DUCT CONNECTIONS TO EQUIPMENT.
6. FURNISH AND INSTALL NEW 1" COPPER CONDENSATE MANIFOLD IN CORRIDOR, GRAVITY PITCHED TO SERVICE SINK. PROVIDE PIPING FROM CONDENSATE PUMP DISCHARGE OF ALL FCUs TO MANIFOLD (NOT SHOWN ON PLANS).
7. CONTRACTOR SHALL RUN REFRIGERANT PIPING FROM BRANCH SELECTOR BOXES "BS--" TO HYDRONIC HEAT EXCHANGERS LOCATED IN ATTIC. FOLLOW PIPING DIAGRAM ON SHEETS M-400.
8. CONTRACTOR SHALL BALANCE RETURN GRILLES IN EACH ROOM FOR EQUAL PROPORTION OF TOTAL AIR FLOW USING RATES SHOWN FOR SUPPLY DIFFUSERS.
9. FURNISH AND INSTALL NEW CHEMICAL FEED TANK FOR CONDENSER WATER SYSTEM. SELECTION IS BASED ON WESSELS MODEL CPFT-5.
10. PROVIDE 4" POURED CONCRETE HOUSEKEEPING PAD FOR ALL FLOOR MOUNTED EQUIPMENT INCLUDING PUMPS, EXPANSION TANK, HEAT EXCHANGER AND CHEMICAL FEED TANK.
11. MECHANICAL CONTRACTOR IS RESPONSIBLE FOR REMOVING AND REINSTALLING CEILING TILES, CEILING GRID SUSPENSION SYSTEM, AND ALL CEILING-MOUNTED DEVICES (TYPICAL). COORDINATE CEILING SCOPE WITH ELECTRICAL, PLUMBING, AND CONTROLS TRADES.

KEY NOTES:

① DISCONNECT EXISTING BRANCH DUCT, HANGERS, AND AIR OUTLET. CAP AND SEAL DUCT TRUNK AIRTIGHT.

SEELY ELEMENTARY SCHOOL
MECHANICAL PLAN - LOWER LEVEL

1 SCALE: 3/32" = 1'-0"

0 2' 4' 8' 16'

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(203) 866-6644
(203) 866-8919 Fax

S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROGRAM/UNIT SCHOOL DISTRICT
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
CAFETERIA RENOVATION AND RELATED WORK
SED CODE: 66-04-06-03-0-008-021 & 66-04-06-03-0-001-019
PHASE 1 - HVAC & CAFETERIA

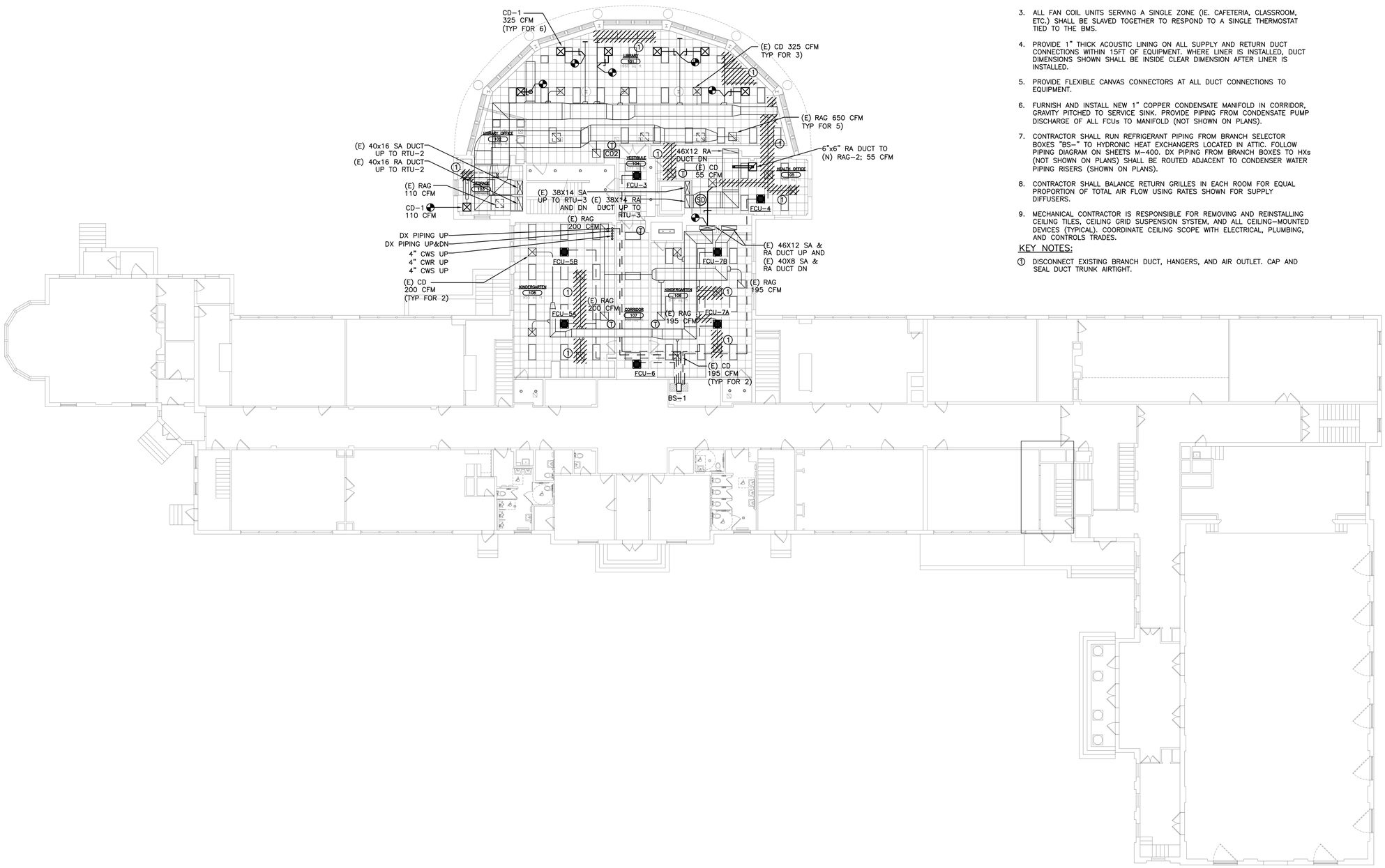
DRAWING TITLE
LOWER LEVEL MECHANICAL PLAN

DATE	ISSUED TO
6-17-2022	ADDENDUM #2
1-10-2022	BID

SHEET SIZE: 30"x42"	DRAWING NO.: SPES M100
SCALE: AS NOTED	
DRAWN BY: LFG	FILE NO.: 21434.01

PLOT DATE: December 22, 2022 - 2:56pm

FILE: N:\Edgemont School District\Seely Place Elementary Phase I\ACAD\Mechanical\SPES_M001_200_Addendum 2.dwg



NOTES:

1. REFER TO WRITTEN (BOOK) SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. COORDINATE LOCATION OF ALL WALL MOUNTED DEVICES (IE. THERMOSTATS) WITH ARCHITECT PRIOR TO ROUGHING CABLE.
3. ALL FAN COIL UNITS SERVING A SINGLE ZONE (IE. CAFETERIA, CLASSROOM, ETC.) SHALL BE SLAVED TOGETHER TO RESPOND TO A SINGLE THERMOSTAT TIED TO THE BMS.
4. PROVIDE 1" THICK ACOUSTIC LINING ON ALL SUPPLY AND RETURN DUCT CONNECTIONS WITHIN 15FT OF EQUIPMENT. WHERE LINER IS INSTALLED, DUCT DIMENSIONS SHOWN SHALL BE INSIDE CLEAR DIMENSION AFTER LINER IS INSTALLED.
5. PROVIDE FLEXIBLE CANVAS CONNECTORS AT ALL DUCT CONNECTIONS TO EQUIPMENT.
6. FURNISH AND INSTALL NEW 1" COPPER CONDENSATE MANIFOLD IN CORRIDOR, GRAVITY PITCHED TO SERVICE SINK. PROVIDE PIPING FROM CONDENSATE PUMP DISCHARGE OF ALL FCUs TO MANIFOLD (NOT SHOWN ON PLANS).
7. CONTRACTOR SHALL RUN REFRIGERANT PIPING FROM BRANCH SELECTOR BOXES "BS-" TO HYDRONIC HEAT EXCHANGERS LOCATED IN ATTIC. FOLLOW PIPING DIAGRAM ON SHEETS M-400. DX PIPING FROM BRANCH BOXES TO HXs (NOT SHOWN ON PLANS) SHALL BE ROUTED ADJACENT TO CONDENSER WATER PIPING RISERS (SHOWN ON PLANS).
8. CONTRACTOR SHALL BALANCE RETURN GRILLES IN EACH ROOM FOR EQUAL PROPORTION OF TOTAL AIR FLOW USING RATES SHOWN FOR SUPPLY DIFFUSERS.
9. MECHANICAL CONTRACTOR IS RESPONSIBLE FOR REMOVING AND REINSTALLING CEILING TILES, CEILING GRID SUSPENSION SYSTEM, AND ALL CEILING-MOUNTED DEVICES (TYPICAL). COORDINATE CEILING SCOPE WITH ELECTRICAL, PLUMBING, AND CONTROLS TRADES.

KEY NOTES:

① DISCONNECT EXISTING BRANCH DUCT, HANGERS, AND AIR OUTLET. CAP AND SEAL DUCT TRUNK AIRTIGHT.

SEELY ELEMENTARY SCHOOL
MECHANICAL DEMO AND NEW WORK PLAN - FIRST FLOOR

1 SCALE: 3/32" = 1'-0"

0 2' 4' 8' 16'

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S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
ADDITIONS, RENOVATIONS AND RELATED WORK
PHASE 1 - HVAC & CAFETERIA

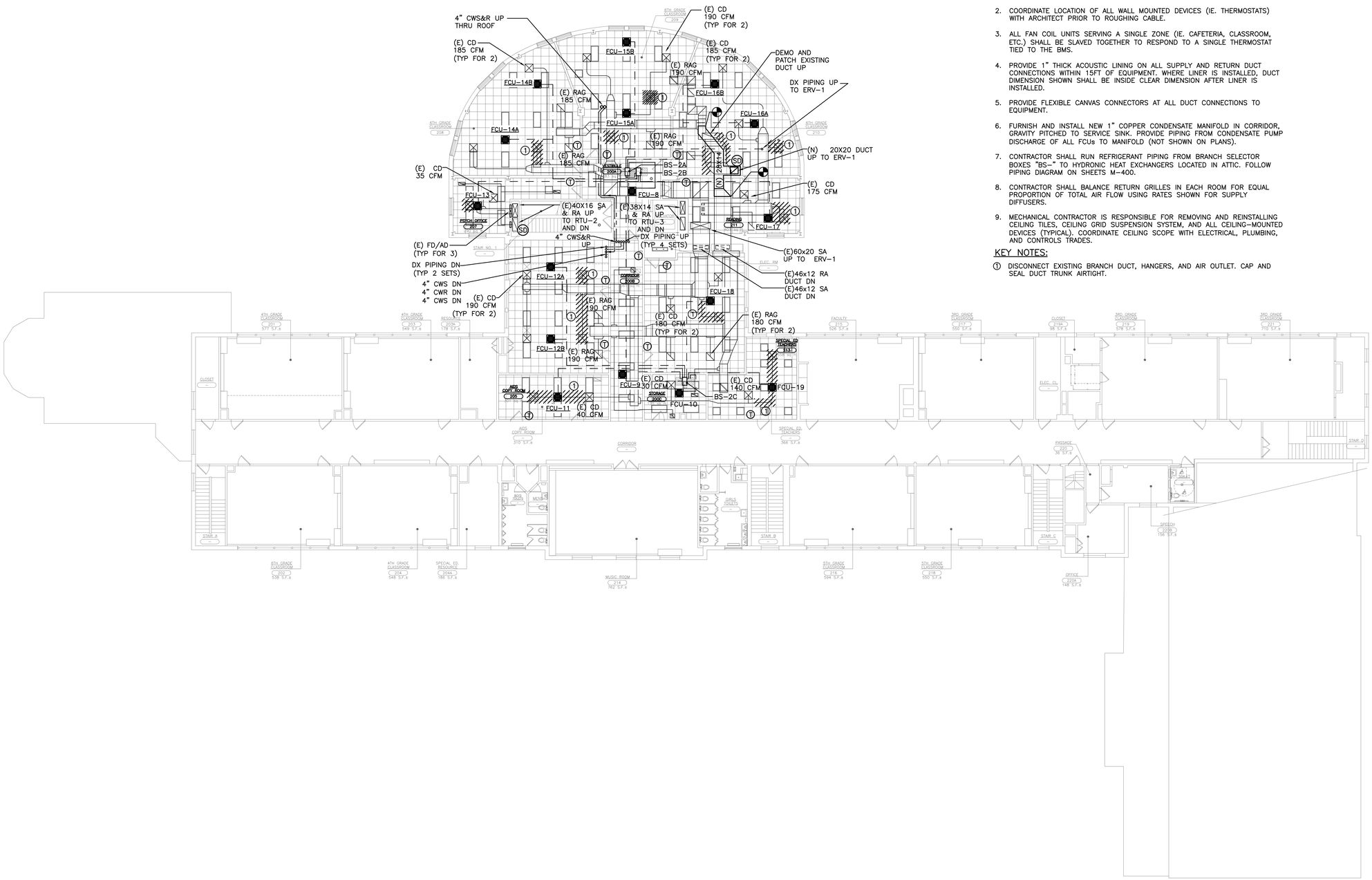
DRAWING TITLE
FIRST FLOOR MECHANICAL PLAN

DATE	ISSUED TO
6-17-2022	ADDENDUM #2
1-10-2022	BID

SHEET SIZE: 30"x42"	DRAWING NO.: SPES M101
SCALE: AS NOTED	
DRAWN BY: LFG	FILE NO.: 21434.01

PLOT DATE: December 21, 2022 - 2:14pm

FILE: N:\Edgemont School District\Seely Place Elementary Phase I\ACAD\Mechanical\SPES_M001_200_Addendum 2_JDB.dwg



SEELY ELEMENTARY SCHOOL
MECHANICAL DEMO AND NEW WORK PLAN - SECOND FLOOR

1 SCALE: 3/32" = 1'-0"

0 2' 4' 8' 16'

N

NOTES:

1. REFER TO WRITTEN (BOOK) SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. COORDINATE LOCATION OF ALL WALL MOUNTED DEVICES (IE. THERMOSTATS) WITH ARCHITECT PRIOR TO ROUGHING CABLE.
3. ALL FAN COIL UNITS SERVING A SINGLE ZONE (IE. CAFETERIA, CLASSROOM, ETC.) SHALL BE SLAVED TOGETHER TO RESPOND TO A SINGLE THERMOSTAT TIED TO THE BMS.
4. PROVIDE 1" THICK ACOUSTIC LINING ON ALL SUPPLY AND RETURN DUCT CONNECTIONS WITHIN 15FT OF EQUIPMENT. WHERE LINER IS INSTALLED, DUCT DIMENSION SHOWN SHALL BE INSIDE CLEAR DIMENSION AFTER LINER IS INSTALLED.
5. PROVIDE FLEXIBLE CANVAS CONNECTORS AT ALL DUCT CONNECTIONS TO EQUIPMENT.
6. FURNISH AND INSTALL NEW 1" COPPER CONDENSATE MANIFOLD IN CORRIDOR, GRAVITY PITCHED TO SERVICE SINK. PROVIDE PIPING FROM CONDENSATE PUMP DISCHARGE OF ALL FCUs TO MANIFOLD (NOT SHOWN ON PLANS).
7. CONTRACTOR SHALL RUN REFRIGERANT PIPING FROM BRANCH SELECTOR BOXES "BS-" TO HYDRONIC HEAT EXCHANGERS LOCATED IN ATTIC. FOLLOW PIPING DIAGRAM ON SHEETS M-400.
8. CONTRACTOR SHALL BALANCE RETURN GRILLES IN EACH ROOM FOR EQUAL PROPORTION OF TOTAL AIR FLOW USING RATES SHOWN FOR SUPPLY DIFFUSERS.
9. MECHANICAL CONTRACTOR IS RESPONSIBLE FOR REMOVING AND REINSTALLING CEILING TILES, CEILING GRID SUSPENSION SYSTEM, AND ALL CEILING-MOUNTED DEVICES (TYPICAL). COORDINATE CEILING SCOPE WITH ELECTRICAL, PLUMBING, AND CONTROLS TRADES.

KEY NOTES:

(1) DISCONNECT EXISTING BRANCH DUCT, HANGERS, AND AIR OUTLET. CAP AND SEAL DUCT TRUNK AIRTIGHT.

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S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
CAFETERIA RENOVATIONS AND RELATED WORK
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
SECOND FLOOR MECHANICAL PLAN

DATE	ISSUED TO
6-17-2022	ADDENDUM #2
1-10-2022	BID

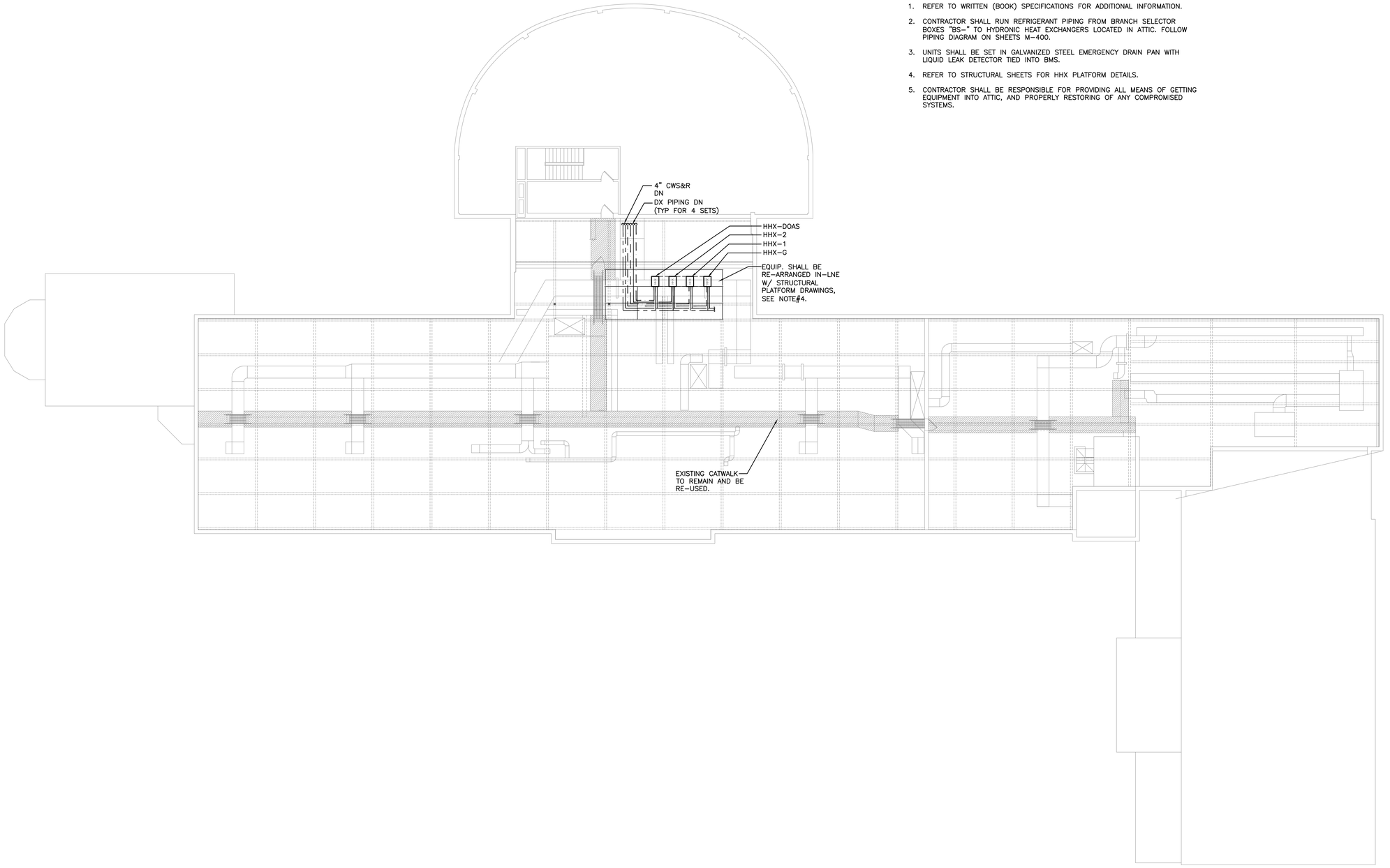
SHEET SIZE: 30"x42"	DRAWING NO.: SPES M102
SCALE: AS NOTED	
DRAWN BY: LFG	FILE NO.: 21434.01

PLOT DATE: December 21, 2022 - 2:15pm

FILE: N:\Edgemont School District\Seely Place Elementary Phase I\ACAD\Mechanical\SPES_M001_200_Addendum 2_JDB.dwg

NOTES:

1. REFER TO WRITTEN (BOOK) SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. CONTRACTOR SHALL RUN REFRIGERANT PIPING FROM BRANCH SELECTOR BOXES "BS–" TO HYDRONIC HEAT EXCHANGERS LOCATED IN ATTIC. FOLLOW PIPING DIAGRAM ON SHEETS M–400.
3. UNITS SHALL BE SET IN GALVANIZED STEEL EMERGENCY DRAIN PAN WITH LIQUID LEAK DETECTOR TIED INTO BMS.
4. REFER TO STRUCTURAL SHEETS FOR HHX PLATFORM DETAILS.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL MEANS OF GETTING EQUIPMENT INTO ATTIC, AND PROPERLY RESTORING OF ANY COMPROMISED SYSTEMS.



SEELY ELEMENTARY SCHOOL
1 MECHANICAL PLAN - ATTIC
SCALE: 3/32" = 1'-0"

0 2' 4' 8' 16'

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S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
ADDITION AND RELATED WORK
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
ATTIC MECHANICAL PLAN

1-06-2023	BID
DATE	ISSUED TO

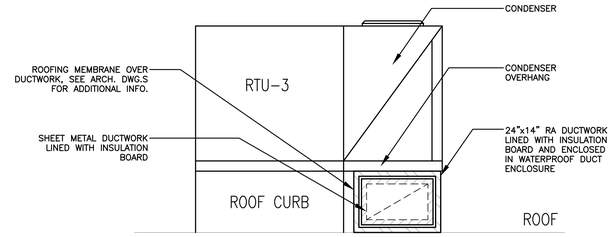
SHEET SIZE: 30"x42"	DRAWING NO.: SPES M103
SCALE: AS NOTED	
DRAWN BY: LFG	FILE NO.: 21434.01

PLOT DATE: December 21, 2022 - 2:16pm

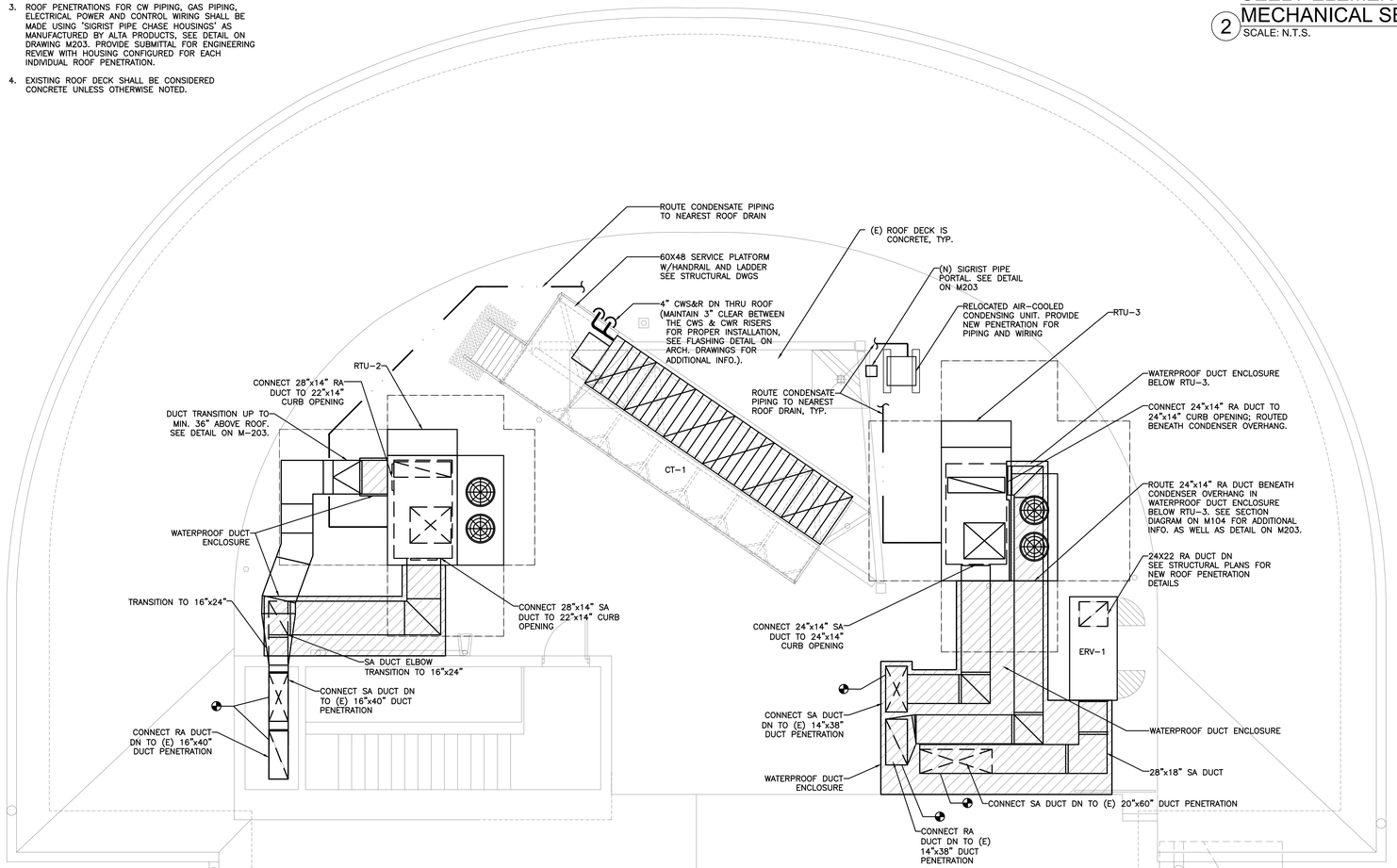
FILE: N:\Edgemont School District\Seely Place Elementary Phase I\ACAD\Mechanical\SPES_M001_200_Addendum 2_JDB.dwg

NOTES:

1. REFER TO WRITTEN (BOOK) SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. MAINTAIN MANUFACTURER'S RECOMMENDED SERVICE CLEARANCES TO ALL EQUIPMENT ON ROOF. DO NOT OBSTRUCT CLEARANCE WITH DUCTWORK OR OTHER OBJECTS.
3. ROOF PENETRATIONS FOR CW PIPING, GAS PIPING, ELECTRICAL POWER AND CONTROL WIRING SHALL BE MADE USING 'SIGRIST PIPE CHASE HOUSINGS' AS MANUFACTURED BY ALTA PRODUCTS, SEE DETAIL ON DRAWING M203. PROVIDE SUBMITTAL FOR ENGINEERING REVIEW WITH HOUSING CONFIGURED FOR EACH INDIVIDUAL ROOF PENETRATION.
4. EXISTING ROOF DECK SHALL BE CONSIDERED CONCRETE UNLESS OTHERWISE NOTED.



SEELY ELEMENTARY SCHOOL
2 MECHANICAL SECTION - DIAGRAM
SCALE: N.T.S.



SEELY ELEMENTARY SCHOOL
1 MECHANICAL PLAN - ROOF
SCALE: 1/4" = 1'-0"

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S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE RENOVATION AND RELATED WORK
GREENVILLE ELEMENTARY SCHOOL
PHASE 1 - HVAC & CAFETERIA

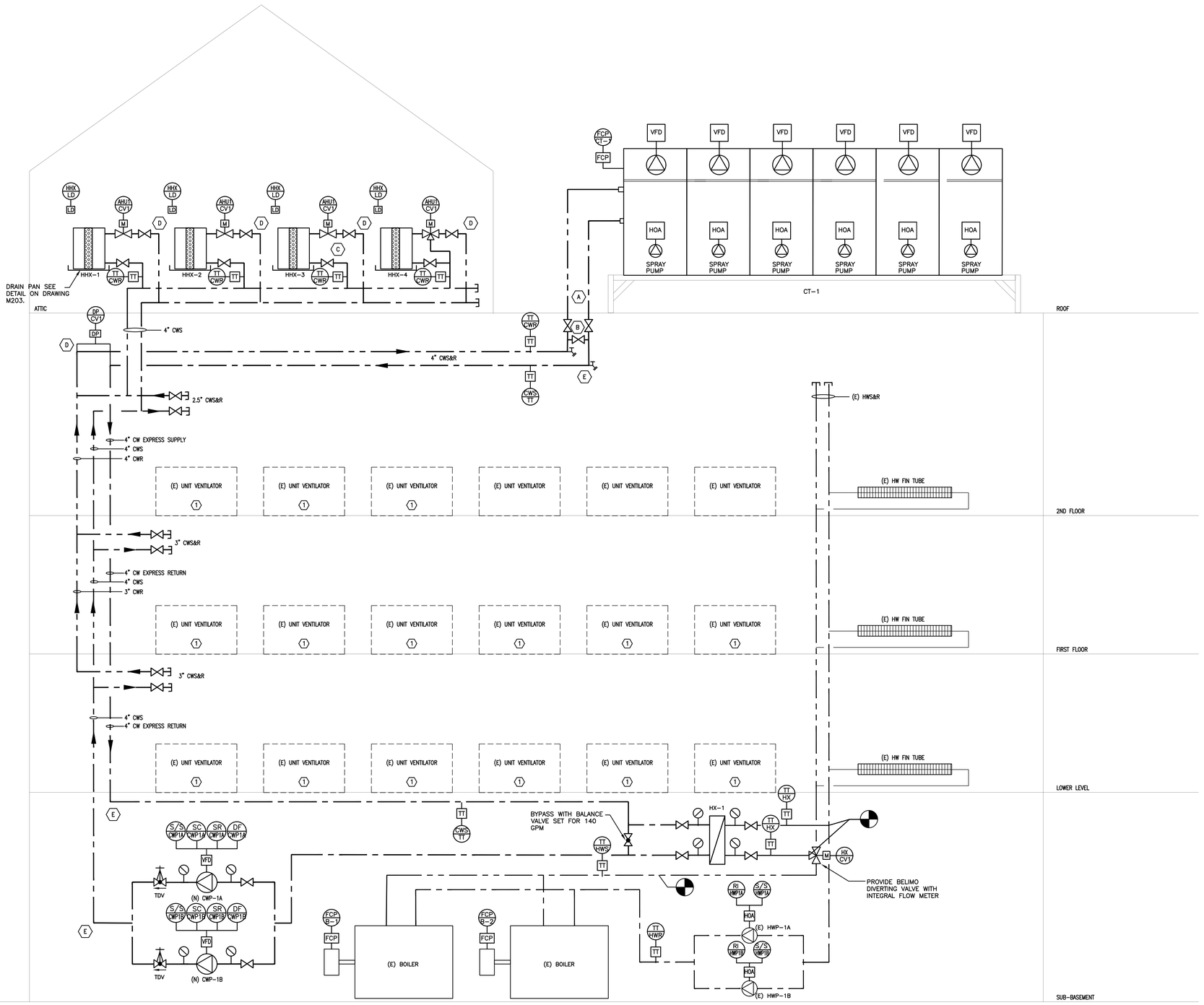
DRAWING TITLE
ROOF MECHANICAL PLAN

DATE	ISSUED TO
6-17-2022	ADDENDUM #2
1-10-2022	BID

SHEET SIZE 30"x42"	DRAWING NO. SPES M104
SCALE AS NOTED	
DRAWN BY LFG	FILE NO. 21434.01

PLOT DATE: December 21, 2022 - 2:18pm

FILE: N:\Edgemont School District\Seely Place Elementary Phase I\ACAD\Mechanical\SPES_M001_200_Addendum 2_JDB.dwg



CONDENSER WATER PIPING & CONTROL SCHEMATIC

NOT TO SCALE

KEY NOTES:

A. CW PIPING SHALL TRANSITION FROM SCHED 40 STEEL TO POLYPROPYLENE DIRECTLY BELOW THE ROOF. ALL PIPING ABOVE ROOF LINE SHALL BE POLYPROPYLENE WITH HEAT FUSION JOINTS. PIPING SELECTION IS BASED ON AQUATHERM PP-R.

B. PROVIDE MANUAL BYPASS VALVE BELOW ROOF, DIRECTLY BELOW COOLING TOWER.

C. AT EACH HYDRONIC HEAT EXCHANGER PROVIDE (2) ISOLATION VALVES, (1) MOTORIZED CONTROL VALVE AND (1) AUTOMATIC BALANCE VALVE.

D. PROVIDE AUTOMATIC AIR VENTS AT TOP OF RISERS

E. PROVIDE MANUAL DRAINS AT BOTTOM OF RISERS.

GENERAL CONTROL PANEL NOTE:

NETWORK CONTROL PANEL SHALL HAVE 200% CAPACITY TO OFFER SALABILITY IN-ORDER TO ACCOMMODATE FUTURE "PHASE-2" WORK.

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S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
ADDITIONS, RENOVATIONS AND RELATED WORK
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
MECHANICAL PIPING & CONTROLS DIAGRAM

1-06-2023	BID
DATE	ISSUED TO
SHEET SIZE: 30"x42"	DRAWING NO.: SPES M200
SCALE: AS NOTED	
DRAWN BY: LFG	FILE NO.: 21434.01

PLOT DATE: December 21, 2022 - 2:20pm

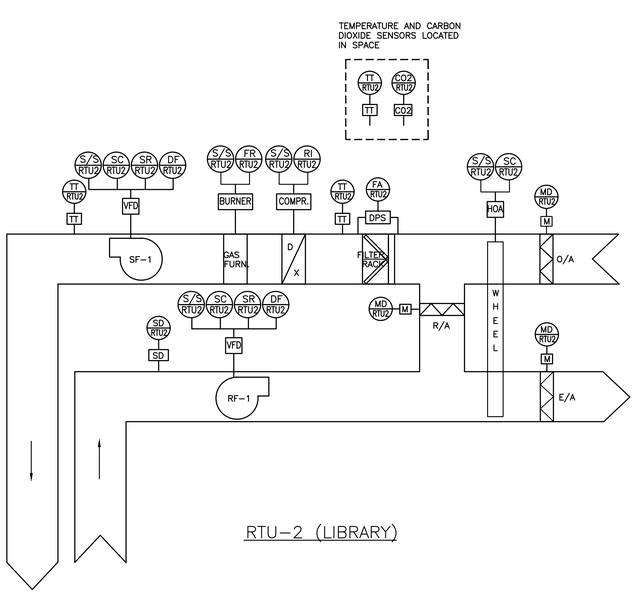
FILE: N:\Edgemont School District\Seely Place Elementary Phase I\ACAD\Mechanical\SPES_M001_200_Addendum 2_JDB.dwg

NOTES

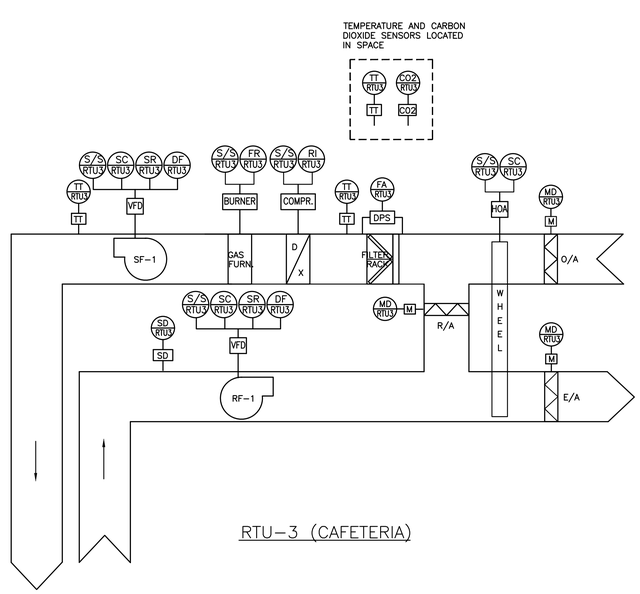
1. REFER TO SPECIFICATION SECTION 230933 FOR ADDITIONAL INFORMATION.

2. ALL POINTS SHOWN ON DIAGRAM SHALL BE MONITORED AND DISPLAYED AT GRAPHICAL USER INTERFACE (GUI). ALL POINTS SHALL BE CONFIGURED TO GENERATE ALARM AT USER INTERFACE WHEN VALUE IS OUTSIDE RANGE OR IF FAN, DAMPER, ETC FAILS TO RESPOND.

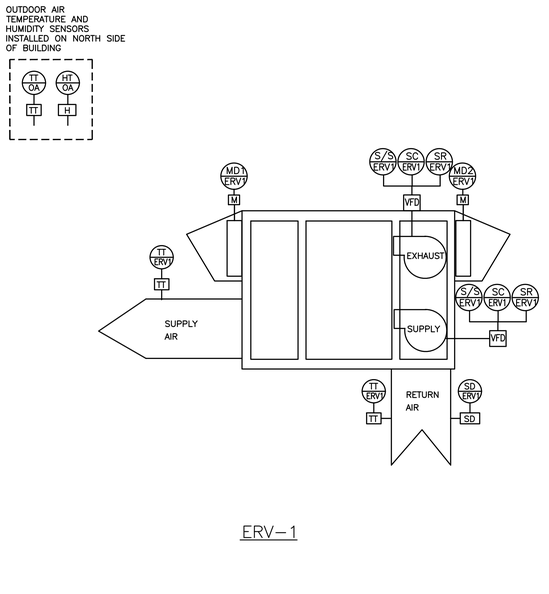
3. IF COMPRESSOR STATUS IS AVAILABLE AT FACTORY CONTROLLER, THIS INFO SHALL BE MONITORED AND DISPLAYED AT GUI.



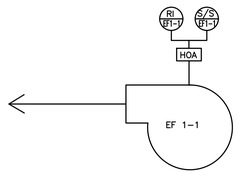
RTU-2 (LIBRARY)

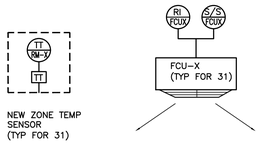


RTU-3 (CAFETERIA)



ERV-1





HVAC EQUIPMENT CONTROL SCHEMATIC

NOT TO SCALE

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S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
CAFETERIA RENOVATION AND RELATED WORK
SEELY PLACE ELEMENTARY SCHOOL
PHASE 1 - HVAC & CAFETERIA

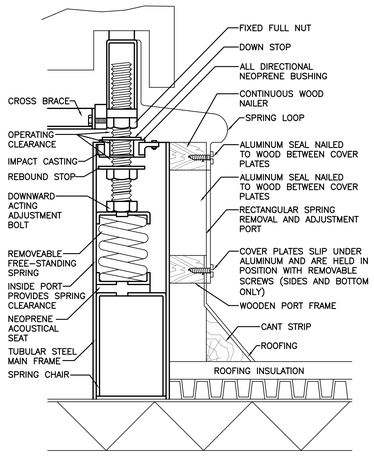
DRAWING TITLE
MECHANICAL CONTROLS DIAGRAM

1-06-2023	BID
DATE	ISSUED TO

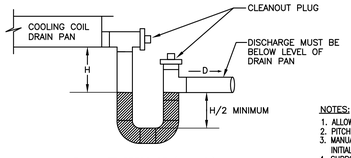
SHEET SIZE 30"x42"	DRAWING NO. SPES M201
SCALE AS NOTED	
DRAWN BY LFG	FILE NO. 21434.01

PLOT DATE: December 21, 2022 - 2:28pm

FILE: N:\Edgemont School District\Seely Place Elementary Phase I\ACAD\Mechanical\SPES_M001_200_Addendum 2_JDB.dwg



ROOFTOP SPRING CURB DETAIL
NO SCALE

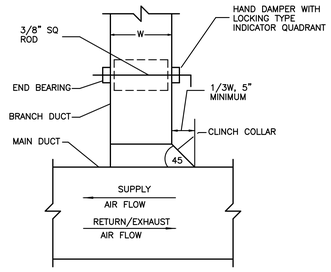


H = FAN INLET PRESSURE (IN. W.C.) + 1 IN.

CONDENSATE TRAP DETAIL
DRAW-THRU UNIT
NO SCALE

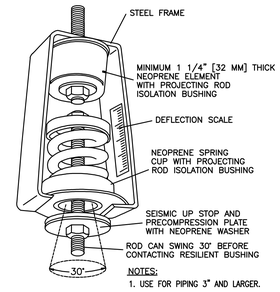
NOTES:
1. ALLOW SUFFICIENT SPACE BELOW DRAIN PAN FOR TRAP.
2. PITCH DRAIN FOR PROPER RUN-OFF.
3. MANUALLY PRIME FILL TRAP BEFORE START-UP TO FORM INITIAL DRAIN SEAL.
4. SUPPORT LENGTHY DRAIN LINES TO PREVENT SAG AND CONDENSATE OVERFLOW.

NOTE:
FURNISH THIS TYPE CONNECTION WHEN SINGLE LINE DUCTWORK IS INDICATED AS THIS FOR LESS THAN 700 CFM AND MEDIUM PRESSURE BRANCHES WITH LESS THAN 1000 CFM



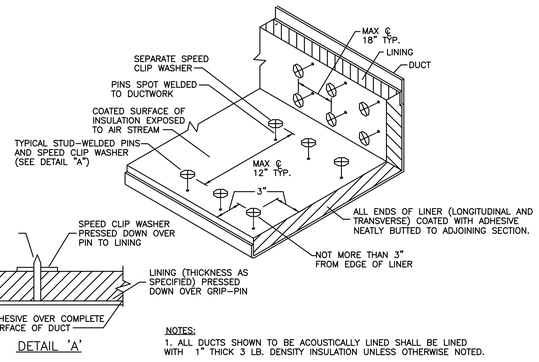
RECTANGULAR DUCT TAP
NO SCALE

PC30N PRECOMPRESSED SPRING AND NEOPRENE HANGER



NOTES:
1. USE FOR PIPING 3" AND LARGER.

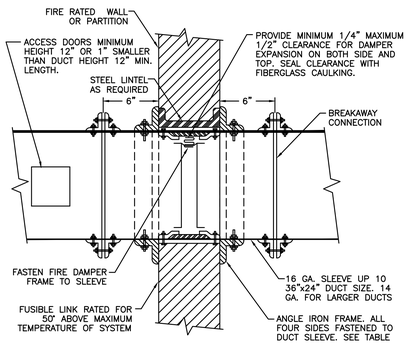
SPRING ISOLATOR DETAIL
NO SCALE



DETAIL 'A'

NOTES:
1. ALL DUCTS SHOWN TO BE ACOUSTICALLY LINED SHALL BE LINED WITH 1" THICK 3 LB. DENSITY INSULATION UNLESS OTHERWISE NOTED.

SOUND LINING INSTALLATION DETAIL
NO SCALE

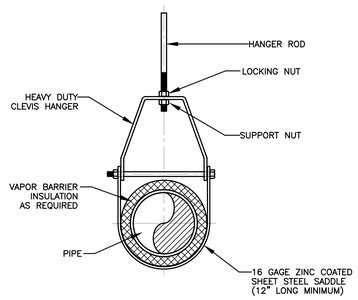


LOW PRESSURE FIRE DAMPER DETAIL
NO SCALE

ANGLE IRON TABLE	
WALL OPENING	ANGLE SIZE
UP TO 30"	1"x1"x1/8"
31" TO 54"	1 1/2"x1 1/2"x1/8"
55" TO 84"	3"x2"x3/16"
85" TO 120"	3"x2"x3/16"

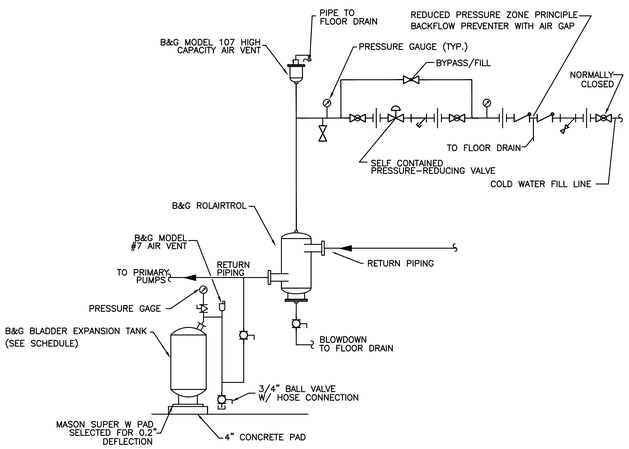
GENERAL NOTES

1. FIRE DAMPER TO BE U.L. LABELED N.F.P.A. 90 A.
2. N.F.P.A. APPROVED INSTALLATION DETAILS TO BE PART OF SUBMISSION OF FIRE DAMPER FOR APPROVAL WHICH SHALL MEET N.F.P.A. STANDARD 90 A.
3. DETAILS SHOWN ARE FOR FIRE DAMPERS IN HORIZONTAL DUCTWORK. FOR FIRE DAMPERS IN VERTICAL DUCTWORK, DETAILS SIMILAR EXCEPT SHALL BE SPRING LOADED
4. U.L. APPROVED BREAKAWAY SLIP JOINT CONNECTION MAY BE USED IN LIEU OF FLANGED CONNECTION
5. ACCESS DOOR IS SHOWN ON SIDE OF DUCT. IF FUSABLE LINK IS MORE ACCESSIBLE FROM BOTTOM OF DUCT RELOCATE ACCESS DOOR.
6. FROM FIRST 10'-0" OF FAN DISCHARGE DUCTS AND FOR DUCT SIZES LESS THAN 8" DEEP FIRE DAMPER BLADES SHALL BE INSTALLED IN POCKET OUTSIDE OF AIR STREAM
7. ALL FIRE DAMPERS TO BE LOCATED OUT OF AIR STREAM.

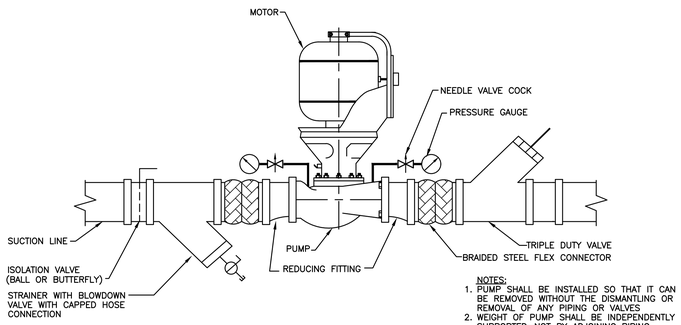


HANGER ROD SCHEDULE			
PIPE SIZE	ROD SIZE	PIPE SIZE	ROD SIZE
UP TO 2"	3/8" DIA.	4" THRU 5"	5/8" DIA.
2 1/2" THRU 3"	1/2" DIA.	6" THRU 12"	7/8" DIA.

CLEVIS HANGER
HORIZONTAL RUNS

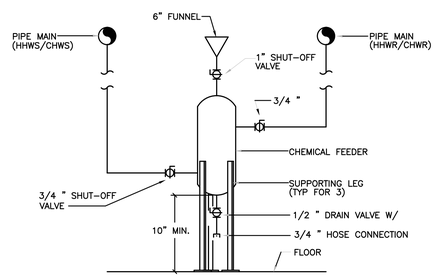


EXPANSION TANK CONNECTION DETAIL
CONDENSER WATER SYSTEM
NO SCALE



NOTES:
1. PUMP SHALL BE INSTALLED SO THAT IT CAN BE REMOVED WITHOUT THE DISMANTLING OR REMOVAL OF ANY PIPING OR VALVES
2. WEIGHT OF PUMP SHALL BE INDEPENDENTLY SUPPORTED-NOT BY ADJOINING PIPING.

INLINE PUMP INSTALLATION
NO SCALE



CHEMICAL FEEDER DETAIL
NO SCALE

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S.E.D. CONTROL NUMBER:
GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

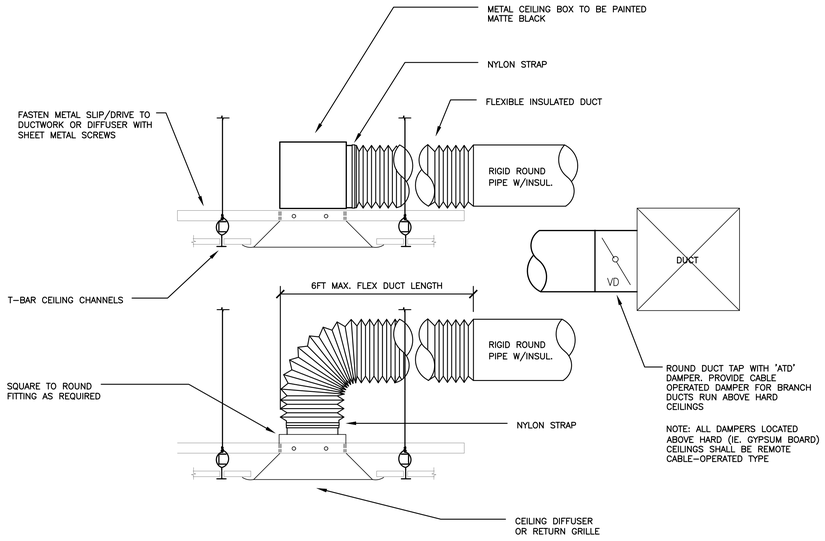
PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
ADDITION AND RENOVATIONS/RELOCATED WORK
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
MECHANICAL DETAILS

1-06-2023	BID
DATE	ISSUED TO
SHEET SIZE 30"x42"	DRAWING NO. SPES M202
SCALE AS NOTED	
DRAWN BY LFG	FILE NO. 21434.01

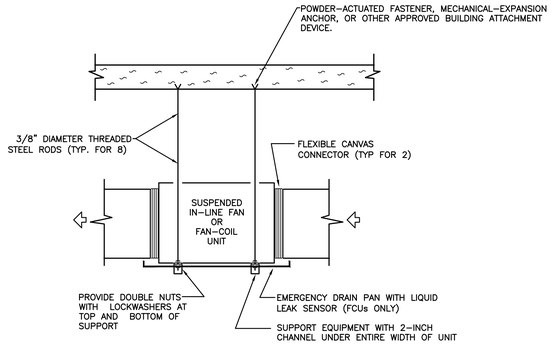
PLOT DATE: December 21, 2022 - 2:25pm

FILE: N:\Edgemont School District\Seely Place Elementary Phase I\ACAD\Mechanical\SPES_M001_200_Addendum 2_JDB.dwg



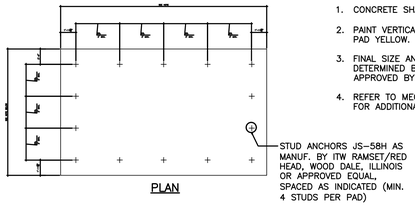
BRANCH DUCT DETAIL

NOT TO SCALE



SUSPENDED EQUIPMENT DETAIL

TYPICAL FOR CEILING-MOUNTED FAN-COIL UNITS AND EXHAUST FANS
NO SCALE



NOTES:

1. CONCRETE SHALL BE 3,500 PSI.
2. PAINT VERTICAL EDGE AND 4" OF PAD YELLOW.
3. FINAL SIZE AND LOCATION TO BE DETERMINED BY CONTRACTOR AND APPROVED BY ENGINEER.
4. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.

CONCRETE EQUIPMENT PAD

NO SCALE

NOTES:
1. THIS DETAIL IS INTENDED FOR THE HX IN THE BOILER ROOM.

2. ALL PIPING SHALL BE ARRANGED TO ALLOW REMOVAL OF PLATE FIN SECTIONS FOR CLEANING WITH MINIMUM DISTURBANCE TO PIPING

3. PRESSURE RELIEF VALVE SET 20% ABOVE WORKING PRESSURE

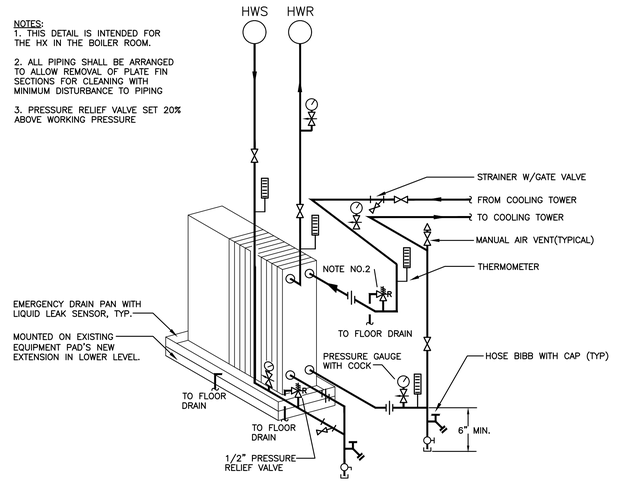
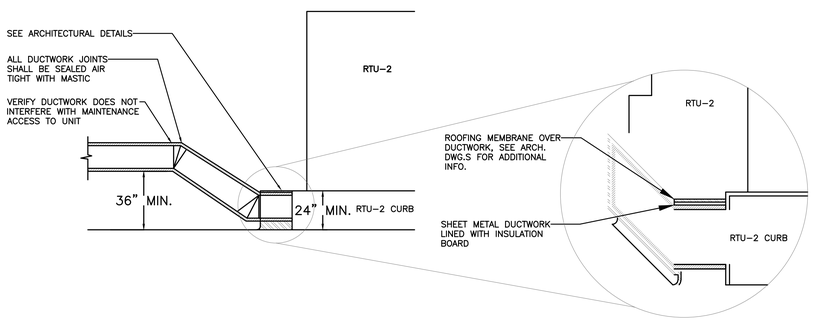


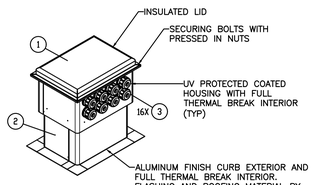
PLATE FRAME HEAT EXCHANGER PIPING (HX-1)

NO SCALE



RTU-2 RETURN DUCTWORK DETAIL

NO SCALE



NOTE:
SIGRIST TUBING CHASE HOUSING BY ALTA. VERIFY CURB OPENING SIZE WITH MANUFACTURER. SEE ROOFTOP PLAN FOR LOCATION AND FURTHER INFORMATION.

ITEM NO.	NOMENCLATURE	PART NUMBER	QTY.
1	MEDIUM HOUSING	AL-201412	1
2	MEDIUM CURB 14" TALL	AL-1014C	1
3	SIGRIST EXIT SEAL	N/A	16

PIPE PORTAL DETAIL

NO SCALE

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S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
ADDITION AND RENOVATIONS AND SELECTED WORK
SPES FY'24 REIMBURSEMENT PROJECT
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
MECHANICAL DETAILS

1-06-2023	BID
DATE	ISSUED TO
SHEET SIZE 30"x42"	DRAWING NO. SPES M203
SCALE AS NOTED	
DRAWN BY LFG	FILE NO. 21434.01

PLOT DATE: December 21, 2022 - 2:26pm

FILE: N:\Edgemont School District\Seely Place Elementary Phase I\ACAD\Mechanical\SPES_M001_200_Addendum 2_JDB.dwg

NEW VRF SPLIT HEAT PUMP SYSTEM SCHEDULE

TAG	MFG	MODEL	PEAK AIRFLOW (CFM)	COOLING CAPACITY			HEATING CAPACITY		REFRIGERANT PIPING		ELECTRICAL			AREA SERVED
				TOTAL (BTUH)	SENS. (BTUH)	ENT. AIR D.B. (°F)	BTUH	ENT. AIR D.B. (°F)	LIQ.(IN.)	SUCTION(IN.)	VOLTAGE	MCA	MOCP	
FCU-1	DAIKIN	FXZQ18TAVJU	511	15,467	11,298	75.0	20,814	68.0			208/1	0.6	15	[002] SCIENCE ROOM
FCU-2	DAIKIN	FXZQ18TAVJU	511	15,467	11,298	75.0	20,814	68.0			208/1	0.6	15	[003] BAND ROOM
FCU-3	DAIKIN	FXZQ05TAVJU	300	5,004	4,265	75.0	6,824	68.0			208/1	0.3	15	[104] VESTIBULE
FCU-4	DAIKIN	FXZQ09TAVJU	317	8,188	5,824	75.0	10,919	68.0			208/1	0.3	15	[105] HEALTH OFFICE
FCU-5A	DAIKIN	FXZQ09TAVJU	317	8,188	5,824	75.0	10,919	68.0			208/1	0.3	15	[106] KINDERGARTEN
FCU-5B	DAIKIN	FXZQ09TAVJU	317	8,188	5,824	75.0	10,919	68.0			208/1	0.3	15	[106] KINDERGARTEN
FCU-6	DAIKIN	FXZQ05TAVJU	300	5,004	4,265	75.0	6,824	68.0			208/1	0.3	15	[104] VESTIBULE
FCU-7A	DAIKIN	FXZQ12TAVJU	353	10,463	7,037	75.0	13,990	68.0			208/1	0.4	15	[108] KINDERGARTEN
FCU-7B	DAIKIN	FXZQ12TAVJU	353	10,463	7,037	75.0	13,990	68.0			208/1	0.4	15	[108] KINDERGARTEN
FCU-8	DAIKIN	FXZQ05TAVJU	300	5,004	4,265	75.0	6,824	68.0			208/1	0.3	15	[200A] VESTIBULE
FCU-9	DAIKIN	FXZQ05TAVJU	300	5,004	4,265	75.0	6,824	68.0			208/1	0.3	15	[200B] CORRIDOR
FCU-10	DAIKIN	FXZQ05TAVJU	300	5,004	4,265	75.0	6,824	68.0			208/1	0.3	15	[200C] STORAGE
FCU-11	DAIKIN	FXZQ07TAVJU	307	6,596	5,133	75.0	8,872	68.0			208/1	0.3	15	[205] AIDES COPY RM
FCU-12A	DAIKIN	FXZQ09TAVJU	317	8,188	5,824	75.0	10,919	68.0			208/1	0.3	15	[206] 5TH GR. SPECIAL ED
FCU-12B	DAIKIN	FXZQ09TAVJU	317	8,188	5,824	75.0	10,919	68.0			208/1	0.3	15	[206] 5TH GR. SPECIAL ED
FCU-13	DAIKIN	FXZQ09TAVJU	317	8,188	5,824	75.0	10,919	68.0	REFER TO PIPING DIAGRAMS FOR ALL DX PIPE SIZES.		208/1	0.3	15	[207] PSYCH OFFICE
FCU-14A	DAIKIN	FXZQ15TAVJU	405	13,079	9,333	75.0	17,743	68.0			208/1	0.4	15	[208] 6TH GR. CLASSROOM
FCU-14B	DAIKIN	FXZQ15TAVJU	405	13,079	9,333	75.0	17,743	68.0			208/1	0.4	15	[208] 6TH GR. CLASSROOM
FCU-15A	DAIKIN	FXZQ15TAVJU	405	13,079	9,333	75.0	17,743	68.0			208/1	0.4	15	[209] 6TH GR. CLASSROOM
FCU-15B	DAIKIN	FXZQ15TAVJU	405	13,079	9,333	75.0	17,743	68.0			208/1	0.4	15	[209] 6TH GR. CLASSROOM
FCU-16A	DAIKIN	FXZQ12TAVJU	353	10,463	7,037	75.0	13,990	68.0			208/1	0.4	15	[210] 6TH GR. CLASSROOM
FCU-16B	DAIKIN	FXZQ12TAVJU	353	10,463	7,037	75.0	13,990	68.0			208/1	0.4	15	[210] 6TH GR. CLASSROOM
FCU-17	DAIKIN	FXZQ12TAVJU	353	10,463	7,037	75.0	13,990	68.0			208/1	0.4	15	[211] READING
FCU-18	DAIKIN	FXZQ18TAVJU	511	15,467	11,298	75.0	20,814	68.0			208/1	0.6	15	[212] 5TH GR. CLASSROOM
FCU-19	DAIKIN	FXZQ12TAVJU	353	10,463	7,037	75.0	13,990	68.0			208/1	0.4	15	[213] SPECIAL ED TEACHERS
FCU-20A	DAIKIN	FXZQ18TAVJU	511	15,467	11,298	75.0	20,814	68.0			208/1	0.6	15	[001] CAFETERIA
FCU-20B	DAIKIN	FXZQ18TAVJU	511	15,467	11,298	75.0	20,814	68.0			208/1	0.6	15	[001] CAFETERIA
FCU-20C	DAIKIN	FXZQ18TAVJU	511	15,467	11,298	75.0	20,814	68.0			208/1	0.6	15	[001] CAFETERIA
FCU-20D	DAIKIN	FXZQ18TAVJU	511	15,467	11,298	75.0	20,814	68.0			208/1	0.6	15	[001] CAFETERIA
FCU-20E	DAIKIN	FXZQ18TAVJU	511	15,467	11,298	75.0	20,814	68.0			208/1	0.6	15	[001] CAFETERIA
FCU-20F	DAIKIN	FXZQ18TAVJU	511	15,467	11,298	75.0	20,814	68.0			208/1	0.6	15	[001] CAFETERIA

NOTES:
1. ALL EQUIPMENT SHALL OPERATE WITH R-410A REFRIGERANT.
2. ALL UNITS SHALL BE FURNISHED WITH FACTORY CONDENSATE PUMPS.
3. ALL EQUIPMENT SHALL BE FURNISHED WITH BACNET CARDS FOR INTEGRATION INTO BAS. COORDINATE WITH ATC CONTRACTOR.
3. PROVIDE 7-DAY PROGRAMMABLE THERMOSTATS WITH LCD DISPLAY AT LOCATIONS SHOWN ON PLANS. DEVICES SHALL BE NETWORKED TO BAS.

NEW HYDRONIC-TO-REFRIGERANT HEAT EXCHANGER SCHEDULE

TAG	MAKE	MODEL	COOLING		HEATING		FLUID	FLOW RATE (GPM)	ELECTRICAL			UNIT WEIGHT (LBS)	NOTES
			CAPACITY (MBH)	EWT/LWT (F)	CAPACITY (MBH)	EWT/LWT (F)			VOLTAGE/ PHASE	MCA (A)	MFS (A)		
HHX-G	DAIKIN	RWEQ120TATJA-HR	116.5	85.0/100.1	158.2	68.0/53.5	WATER	20.0	208/3	36.5	45.0	20.0	
HHX-1	DAIKIN	RWEQ96TATJA-HR	100.1	85.0/99.9	133.8	68.0/53.4	WATER	16.5	208/3	28.8	35.0	16.5	
HHX-2	DAIKIN	RWEQ96TATJA-HR	96.9	85.0/100.1	130.7	68.0/53.0	WATER	15.5	208/3	28.8	35.0	15.5	
HHX-DOAS	DAIKIN	RWEQ144TATJA	144.6	85.0/100.1	168.2	68.0/56.0	WATER	24.0	208/3	44.6	50.0	24.0	

NOTES:
1. ALL EQUIPMENT SHALL OPERATE WITH R-410A REFRIGERANT.
2. ALL EQUIPMENT SHALL BE FURNISHED WITH BACNET CARDS FOR INTEGRATION INTO BAS. COORDINATE WITH ATC CONTRACTOR.
3. PROVIDE GALVANIZED STEEL EMERGENCY DRAIN PAN BELOW UNITS WITH LIQUID LEAK DETECTOR.

NEW PACKAGED GAS-ELECTRIC ROOFTOP UNIT SCHEDULE

TAG	MFG	MODEL NO.	SERIAL NO.	AIR FLOW (CFM)		MOTOR HP	ESP (IN. WC)	COOLING						NAT. GAS HEAT		VOLTAGE	MCA	MOCP	WEIGHT (LBS)
				TOTAL	OUTDOOR			TOTAL (MBH)	SENSIBLE (MBH)	ENT AIR DB	ENT AIR WB	LEAV. AIR DB	LEAV. AIR WB	EER	INPUT (MBH)	OUTPUT (MBH)				
RTU-2	DAIKIN	DPS007A		3035	475	4.0	1.00	95.4	75.1	76.9	64.6	54.3	54.2	12.1	200	160	208/3	49.0	60	2232
RTU-3	DAIKIN	DPS007A		2650	1850	4.0	1.00	94.5	69.2	76.7	64.8	52.8	52.8	12.1	200	160	208/3	49.0	60	2482

NOTES:
1. UNITS SHALL BE FURNISHED WITH BACNET CARDS FOR INTEGRATION INTO BAS. COORDIANTE WITH ATC CONTRACTOR.
2. CONTRACTOR SHALL PROVIDE SMOKE DETECTORS IN RA DUCT AS INDICATED ON PLANS.
3. CONFIRM NAT. GAS AND VERIFY WHETHER REGULATOR IS REQUIRED AT EACH UNIT.
4. CONTRACTOR TO PROVIDE NEW HORIZONTAL OUTLET VIBRATION ISOLATION CURBS BY CAMBRIDGEPORT.
5. UNITS SHALL INCLUDE FACTORY VFD, DISCONNECT SWITCHED AND GFI RECEPTACLE.

ENERGY RECOVERY VENTILATOR SCHEDULE

TAG	LOCATION	MFGR/ MODEL	CFM	ESP (IN. WC)	COOLING CAPACITY (MBH)	HEATING CAPACITY (MBH)	OUTSIDE AIR		SUPPLY AIR		ELECTRICAL			WEIGHT
							WINTER DB/WB (F)	SUMMER DB/WB (F)	WINTER DB/WB (F)	SUMMER DB/WB (F)	VOLT	MCA	MOCP	
ERV-1	ROOF	OXYGEN8/C400U	4245	1.5	204.0	233.1	12.7/12.6	86.5/72.1	50.3/40.0	79.0/67.5	208V-3ø	27.33	35	1225

NOTES:
1. UNIT SHALL BE FURNISHED WITH BACNET CARD FOR INTEGRATION INTO BAS. COORDIANTE WITH ATC CONTRACTOR.
2. CONTRACTOR SHALL PROVIDE SMOKE DETECTORS IN RA DUCT AS INDICATED ON PLANS.
3. CONTRACTOR TO PROVIDE NEW HORIZONTAL OUTLET VIBRATION ISOLATION CURB BY CAMBRIDGEPORT.
4. UNIT SHALL BE FURNISHED WITH LOW LEAKAGE MOTORIZED EXHAUST AND OUTDOOR AIR DAMPERS.
5. UNIT SHALL FEATURE ECM BLOWERS.
6. PROVIDE FACTORY DISCONECT SWTICH.

EXHAUST FAN SCHEDULE

TAG	MFG	MODEL	AIR FLOW (CFM)	STATIC PRESS. (IN. H20)	RPM	WATTS	VOLTAGE	FLA	WEIGHT (LBS)	SERVICE	NOTES
EF 1-1	COOK	90SQN17DEC	350	0.3	1725	106	115-1-60	-	58	CAFETERIA	1,2,3

NOTES:
1. FAN SHALL BE EQUIPPED WITH FACTORY DISCONNECT SWITCH.
2. FAN SHALL BE EQUIPPED WITH FACTORY BACKDRAFT DAMPER.
3. FAN SHALL BE INTEGRATED INTO BY BAS BY ATC CONTRACTOR.

AIR OUTLET SCHEDULE

TAG	MFG	MODEL	AIRFLOW (CFM)	SIZE	NOTES
CD-1	TITUS	OMNI	SEE DWGS	24X24	1
RAG-1	TITUS	350RL	SEE DWGS	24X12	1
RAG-2	TITUS	350RL	SEE DWGS	24X24	1
EG-1	TITUS	50FF	SEE DWGS	12X12	1

NOTES:
1. ALL AIR OUTLETS SHALL BE WHITE UNLESS OTHERWISE NOTED ON ARCHITECTURAL PLANS.

COOLING TOWER SCHEDULE

TAG		CT-1			
MAKE		B.A.C.			
MODEL		NXF-0403N-CS2TT-H6			
OPERATING WT (LBS)		16,576			
FLUID		WATER			
NET CAPACITY (TONS)	PRESENT	38	FUTURE	140	
TOTAL HEAT REJECTION (MBH)		570		2097	
AIR FLOW (CFM)		-		33,664	
FLOW RATE (GPM)		114		280	
COIL PRESSURE DROP (FT)		8.2		4.8	
ENTERING WATER TEMP. (°F)		93.0		100.0	
LEAVING WATER TEMP. (°F)		83.0		85.0	
AMBIENT AIR WET BULB TEMP. (°F)		78.0			
FAN	TYPE	AXIAL			
	QTY	6			
	HP (EACH)	5.0			
SPRAY PUMP	TYPE	PSC MOTOR			
	QTY	6			
	HP (EACH)	0.50			
ELECTRICAL	VOLTAGE	208/3ø			
	MCA	90.7			
	MOCP	100			

NOTES:
1. TOWER HAS BEEN SELECTED WITH APPROX. 75% FUTURE HEAT REJECTION CAPACITY.
2. PROVIDE FACTORY COOLING TOWER CONTROLLER TO CONTROL SPRAY PUMPS AND FANS TO MAINTAIN LEAVING WATER TEMPERATURE.
3. PROVIDE BACNET CARD FOR BAS INTEGRATION.

NEW EXPANSION TANK SCHEDULE

UNIT NUMBER	XT-1
SERVICE	CONDENSER WATER
MANUFACTURER	B&G
MODEL	D-60V
TYPE	DIAPHRAGM
CAPACITY (GAL.)	33.6
ACCEPTANCE VOLUME (GAL.)	11.3
WEIGHT (LBS)	110
FIELD CHARGE (PSI)	26

NOTES:
1. COORDINATE WITH GENERAL CONTRACTOR TO PROVIDE HOUSEKEEPING PAD FOR EXPANSION TANKS. PAD SHALL BE SIZED FOR FUTURE IDENTICAL TANK.
2. CONTRACTOR SHALL PROVIDE LINE SIZE 'ROLAIRTROL' AIR SEPARATOR - REFER TO EXPANSION TANK DETAIL. COORDINATE WITH PLUMBING CONTRACTOR TO PROVIDE BACKFLOW PREVENTER AND MAKEUP WATER CONNECTION.

EXTERIOR LOUVER SCHEDULE

TAG	EL-1
PRODUCT TYPE	DRAINABLE LOUVER
MANUFACTURER	AIROLITE
MODEL	K6744
AREA (IN. X IN.)	12 X 12
DEPTH (IN.)	4
FREE AREA (%)	56

NOTES:
1. LOUVER SHALL BE FURNISHED WITH INSECT SCREEN.
2. PROVIDE KYNAR FINISH & REFER TO ARCHITECTURAL PLANS FOR COLOR.

BRANCH DUCT SCHEDULE

AIR FLOW (CFM)	ROUND DUCT SIZE (IN.)
0 -105	6
106-160	7
161-230	8
231-320	9
321-420	10
421-685	12
686-1025	14
1026-1450	16
1451-2000	18

NOTES:
1. WHETHER OR NOT INDICATED ON PLANS, CONTRACTOR SHALL FURNISH AND INSTALL MANUAL VOLUME DAMPERS IN ALL SUPPLY AND RETURN BRANCH DUCTS.

NEW PUMP SCHEDULE

UNIT NUMBER		CWP-1A, 1B
SERVICE		CONDENSER WATER
MANUFACTURER		TACO
MODEL		SKS3013D-A-4P-PD
FLUID DATA	FLUID	WATER
	TEMPERATURE (F)	55
	FLOW RATE (GPM)	280
	T.D.H. (FT)	67
	MAX. PRESS. (PSI)	175
PUMP DATA	TYPE	INLINE
	SPEED (RPM)	1760
	BRAKE HORSEPOWER	9.1
	MOTOR H.P.	10
	VOLTAGE/PHASE	208/3
	IMPELLER DIA. (IN.)	9.5
	FLA	32.2
	MCA	50
	MOCP	60
	WEIGHT (LBS)	708
	VAR. FREQUENCY DRIVE	YES (INTEGRAL)

NOTES:
1. INLINE PUMPS SHALL BE FURNISHED WITH CHECK VALVES AND DISCHARGE/SUCTION BUTTERFLY VALVES FOR SHUTOFF. REFER TO PUMP DETAIL FOR ADDITIONAL INFORMATION.
2. PROVIDE FACTORY FLOOR SUPPORTS AND NEW 4" HOUSEKEEPING PAD FOR PUMPS,

HEAT EXCHANGER SCHEDULE

TAG			HX-1
SERVICE			HEATING
MANUFACTURER			ALFA LAVAL
MODEL			AQ3-MFG
HEATING	ENERGY EXCHANGED (MBH)		589
	HOT SIDE (BOILER)	FLUID	WATER
		FLOW RATE (GPM)	60.7
		TEMP. ENTERING (F)	180.0
		TEMP. LEAVING (F)	160.0
		PRESS. DROP (FT)	4.7
	COLD SIDE (COND. WATER)	FLUID	WATER
		FLOW RATE (GPM)	45.0
		TEMP. ENTERING (F)	54.0
		TEMP. LEAVING (F)	80.2
		PRESS. DROP (FT)	4.7
MIN. SURFACE AREA (SQ. FT.)			14
OPERATING WEIGHT (LBS)			420
MAX. PRESSURE (PSI)			150

NOTES:
1. HEAT EXCHANGER SHALL BE EQUIPPED WITH (4) SETS OF ISOLATION VALVES AND HOSE BIBB CONNECTIONS TO PERMIT CLEANING IN PLACE. FOLLOW MANUFACTURER'S SPECIFICATIONS IN O&M MANUAL.
2. HEAT EXCHANGER PLATES SHALL BE CONSTRUCTED FROM FROM 316 STAINLESS STEEL.
3. CARRYING BARS OF HEAT EXCHANGER SHALL BE SIZED TO ACCEPT UP TO 30 PLATES.
4. NOTE THAT PERFORMANCE IS BASED ON PRESENT DAY OPERATING CONDITIONS. PLATES SHALL BE ADDED TO FRAME DURING FUTURE RENOVATION PHASE.

VENTILATION AIR REQUIREMENTS

Project: Seely Place Elementary School (Phase I) | State: New York | Relevant Code: IMC 2020

HVAC ZONE	AREA SERVED	OCCUPANCY CLASSIFICATION	OCCUPANT DENSITY (#/1000 SQFT)	OCCUPANT LOAD Pz (Az)	REQUIRED VENTILATION Rp / Ra	ZONE AIR DIST. EFFECTIVENESS (Ez)	O.A/E.A. REQUIRED (CFM) Vbz	O.A/E.A. DESIGN (CFM)	REMARKS
ERV-1	[002] SCIENCE ROOM	Classrooms (ages 5-8)	-	37 (738 SF)	10 CFM/PERSON 0.12 CFM/SF	0.8	573	575	1
	[003] BAND ROOM	Classrooms (ages 5-8)	-	20 (439 SF)	10 CFM/PERSON 0.12 CFM/SF	0.8	316	320	1
	[104] VESTIBULE	Corridors	-	- (171 SF)	- CFM/PERSON 0.06 CFM/SF	0.8	13	15	
	[105] HEALTH OFFICE	Office Space	5	3 (446 SF)	5 CFM/PERSON 0.06 CFM/SF	0.8	52	55	
	[106] KINDERGARTEN	Classrooms (ages 5-8)	-	20 (877 SF)	10 CFM/PERSON 0.12 CFM/SF	0.8	382	385	1
	[107] CORRIDOR	Corridors	-	- (432 SF)	- CFM/PERSON 0.06 CFM/SF	0.8	32	35	
	[108] KINDERGARTEN	Classrooms (ages 5-8)	-	20 (955 SF)	10 CFM/PERSON 0.12 CFM/SF	0.8	393	395	1
	[200A] VESTIBULE	Corridors	-	- (283 SF)	- CFM/PERSON 0.06 CFM/SF	0.8	21	25	
	[200B] CORRIDOR	Corridors	-	- (361 SF)	- CFM/PERSON 0.06 CFM/SF	0.8	27	30	
	[200C] STORAGE	Storage	-	- (175 SF)	- CFM/PERSON 0.12 CFM/SF	0.8	26	30	
	[205] AIDS COPY ROOM	Copy, Printing rooms	4	2 (301 SF)	5 CFM/PERSON 0.06 CFM/SF	0.8	35	40	
	[206] 5TH GRADE SPECIAL ED	Classrooms (ages 5-8)	-	20 (828 SF)	10 CFM/PERSON 0.12 CFM/SF	0.8	374	375	1
	[207] PSYCH OFFICE	Office Space	5	2 (290 SF)	5 CFM/PERSON 0.06 CFM/SF	0.8	34	35	
	[208] 6TH GRADE CLASSROOM	Classrooms (ages 5-8)	-	20 (778 SF)	10 CFM/PERSON 0.12 CFM/SF	0.8	367	370	1
	[209] 6TH GRADE CLASSROOM	Classrooms (ages 5-8)	-	20 (826 SF)	10 CFM/PERSON 0.12 CFM/SF	0.8	374	375	1
	[210] 6TH GRADE CLASSROOM	Classrooms (ages 5-8)	-	20 (791 SF)	10 CFM/PERSON 0.12 CFM/SF	0.8	369	370	1
	[211] READING	Classrooms (ages 5-8)	-	9 (407 SF)	10 CFM/PERSON 0.12 CFM/SF	0.8	174	175	1
	[212] 5TH GRADE CLASSROOM	Classrooms (ages 5-8)	-	20 (731 SF)	10 CFM/PERSON 0.12 CFM/SF	0.8	360	360	1
	[213] SPECIAL ED TEACHERS	Classrooms (ages 5-8)	-	18 (358 SF)	10 CFM/PERSON 0.12 CFM/SF	0.8	279	280	1
	CALCULATED OUTSIDE/MAKEUP AIR FOR SYSTEM TOTAL						4201	4245	
RTU-2	[101] LIBRARY	Libraries	10	20 (1960 SF)	5 CFM/PERSON 0.12 CFM/SF	0.8	419	420	
	[102] LIBRARY OFFICE	Office Space	5	1 (143 SF)	5 CFM/PERSON 0.06 CFM/SF	0.8	17	20	
	[103] STORAGE	Storage	-	- (202 SF)	10 CFM/PERSON 0.12 CFM/SF	0.8	30	35	
	CALCULATED OUTSIDE/MAKEUP AIR FOR SYSTEM TOTAL						466	475	
RTU-3	[001] CAFETERIA	Cafeterias	-	148 (2049 SF)	7.5 CFM/PERSON 0.18 CFM/SF	0.8	1849	1850	1
	CALCULATED OUTSIDE/MAKEUP AIR FOR SYSTEM TOTAL						1849	1850	

REMARKS:
1. OCCUPANCY IS ESTIMATED BY THE QUANTITY OF SEATS EXPECTED IN THE SPACE

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S.E.D. CONTROL NUMBER:
GREENVILLE ELEMENTARY SCHOOL 66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL 66-04-06-03-0-001-019

PROJECT TITLE: EDGEMONT SCHOOL DISTRICT GREENVILLE ELEMENTARY SCHOOL SEELY PLACE ELEMENTARY SCHOOL PHASE 1 - RENOVATIONS AND RELOCATED WORK TO FACILITATE NEW ADDITION AND SITE PHASE 1 - HVAC & CAFETERIA

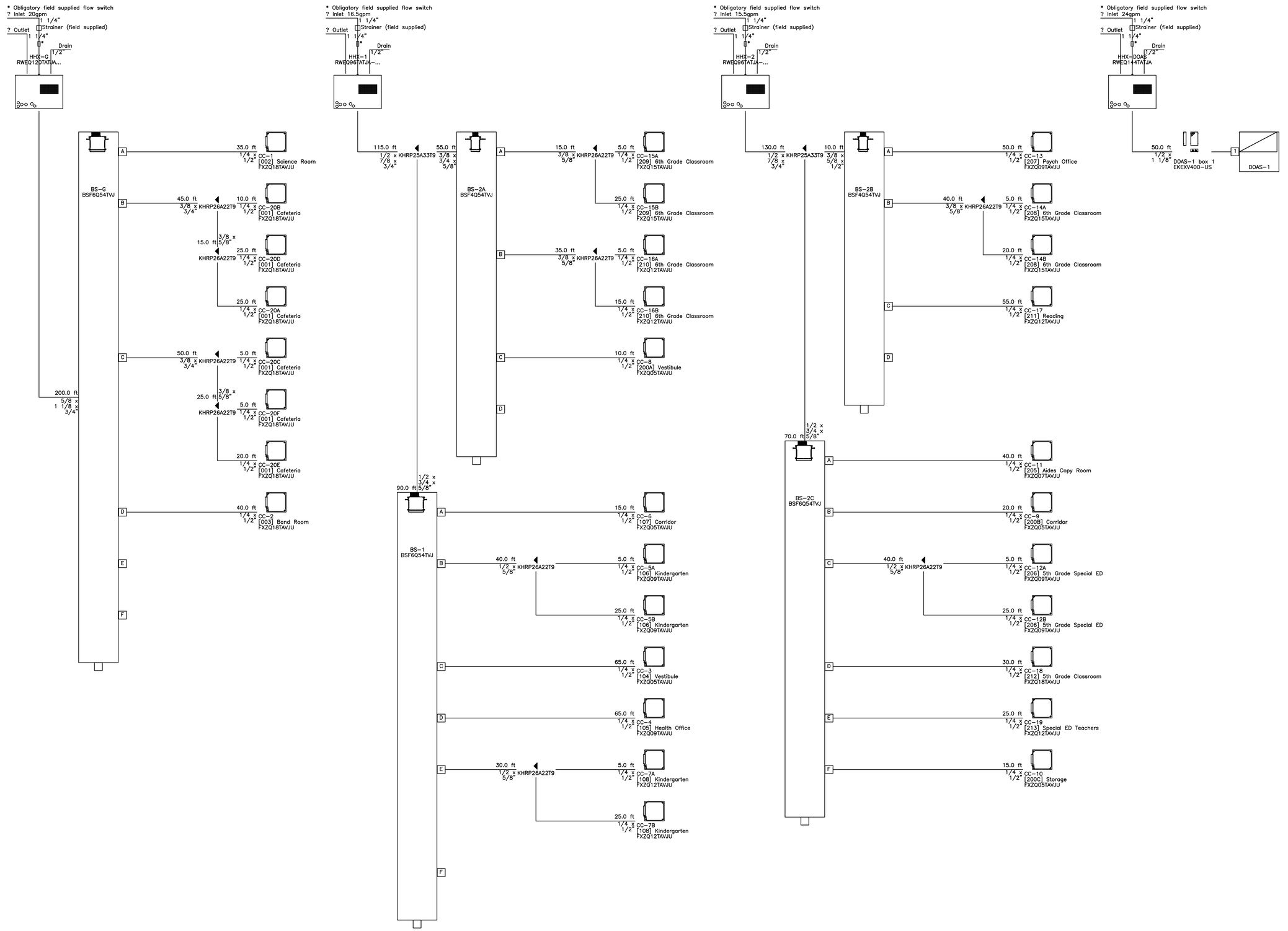
DRAWING TITLE: MECHANICAL SCHEDULES

DATE	ISSUED TO
6-17-2022	ADDENDUM #2
1-10-2022	BID

SHEET SIZE: 30"x42" | DRAWING NO: SPES M300
SCALE: AS NOTED
DRAWN BY: LFG | FILE NO: 21434.01

PLOT DATE: December 21, 2022 - 2:28pm

FILE: N:\Edgemont School District\Seely Place Elementary Phase I\ACAD\Mechanical\SPES_M300_400_Addendum 2.dwg



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66-04-06-03-0-001-019

PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
ADDITION AND RELATED WORK
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
MECHANICAL PIPING DIAGRAMS

1-06-2023	BID
DATE	ISSUED TO

SHEET SIZE: 30"x42"	DRAWING NO.: SPES M400
SCALE: AS NOTED	
DRAWN BY: LFG	FILE NO.: 21434.01

PLOT DATE: December 21, 2022 - 2:28pm

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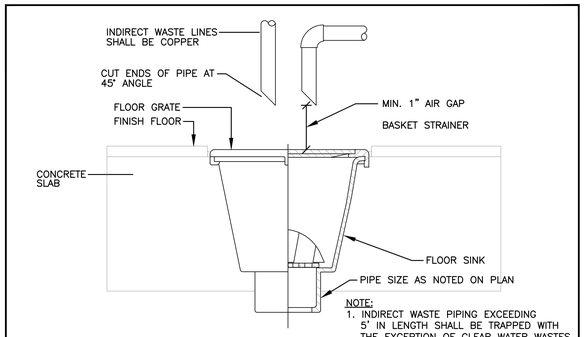
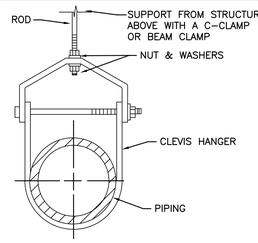


FLOOR SINK–DETAIL
NO SCALE



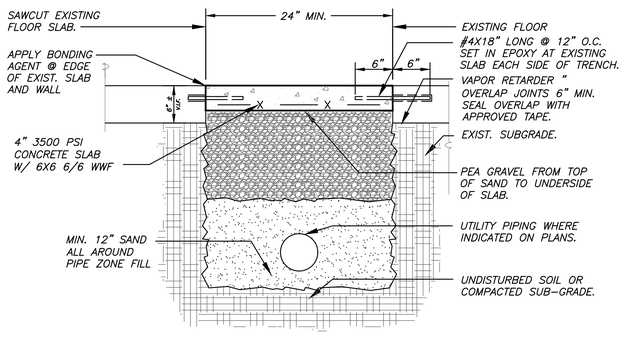
PIPE HANGER
NO SCALE

PLUMBING SYMBOL LIST

SYMBOL	NOTE: NOT ALL SYMBOLS ARE USED
	DESCRIPTION
	EXISTING PIPING TO REMAIN
	EXISTING PIPING TO BE REMOVED
	SANITARY PIPE BELOW FLOOR/SLAB (SAN)
SAN	SANITARY PIPE ABOVE FLOOR/SLAB (SAN)
	VENT PIPE (V)
	COLD WATER PIPING
	HOT WATER PIPING
	DIRECTION OF FLOW
	PIPE RISE OR UP THRU SLAB
	PIPE DROP OR DOWN THRU SLAB
	BOTTOM OF PIPE TAKE–OFF CONNECTION
	TOP OF PIPE TAKE–OFF CONNECTION
	P–TRAP
	CAP PIPE OUTLET
	CLEANOUT (CO)
	UNION
	VALVE IN RISE / VERTICAL
	POINT OF NEW CONNECTION
(F)	FLOOR DRAIN
	FLOOR SINK

PLUMBING ABBREVIATION LIST

SYMBOL	DESCRIPTION
AFF	ABOVE FINISHED FLOOR
CO	CLEANOUT
CV	CHECK VALVE
CLG	CEILING
CONN	CONNECT
DN	DOWN (PENETRATES FLOOR SLAB)
DR	DRAIN
DPCO	DECK PLATE CLEANOUT
EX	EXISTING
EL	ELEVATION
FL	FLOOR
HWR	HOT WATER RECIRCULATION
IW	INDIRECT WASTE
MIN	MINIMUM
NTS	NOT TO SCALE
SAN	SANITARY
GW	GREASE WASTE
TYP	TYPICAL
UP	UP (PENETRATES FLOOR SLAB)
V or VNT	VENT
VIF	VERIFY IN FIELD
W	WASTE
WCO	WALL CLEANOUT



TYPICAL SLAB PATCH & UTILITY TRENCH
NO SCALE

PLUMBING EQUIPMENT SCHEDULE

FS–1 FLOOR SINK: ZURN MODEL Z1752–NH4–Y–2, 12"x12" SQUARE TOP, 10" SUMP DEPTH, TYPE 304 STAINLESS STEEL LIGHT–DUTY SANI–FLOW RECEPTOR WITH NON–TILT, LOOSE SET FULL GRATE WITH 1/2" SQUARE OPENINGS AND ANTI–SPLASH STANLESS STEEL INTERIOR DOME STRAINER

FD–1 FLOOR DRAIN JAY R. SMITH MODEL #2005Y–NB, W/TYPE 'A' 6" ROUND STRAINER, 3" OUTLET, CAST IRON BODY, W/FLASHING COLLAR, WITH PROSET TRAP GUARD MODEL #TG3H

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SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE:
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
CAFETERIA RENOVATION AND RELATED WORK
SEELY PLACE ELEMENTARY SCHOOL
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE:
PLUMBING SYMBOLS, ABBREVIATIONS, SCHEDULES & DETAILS

DATE	ISSUED TO
1-06-2023	BID

SHEET SIZE: 30"x42"	DRAWING NO.: GVES P001
SCALE: AS NOTED	
DRAWN BY: LFG	FILE NO.: 21434.01

PLOT DATE: December 21, 2022 - 3:07pm

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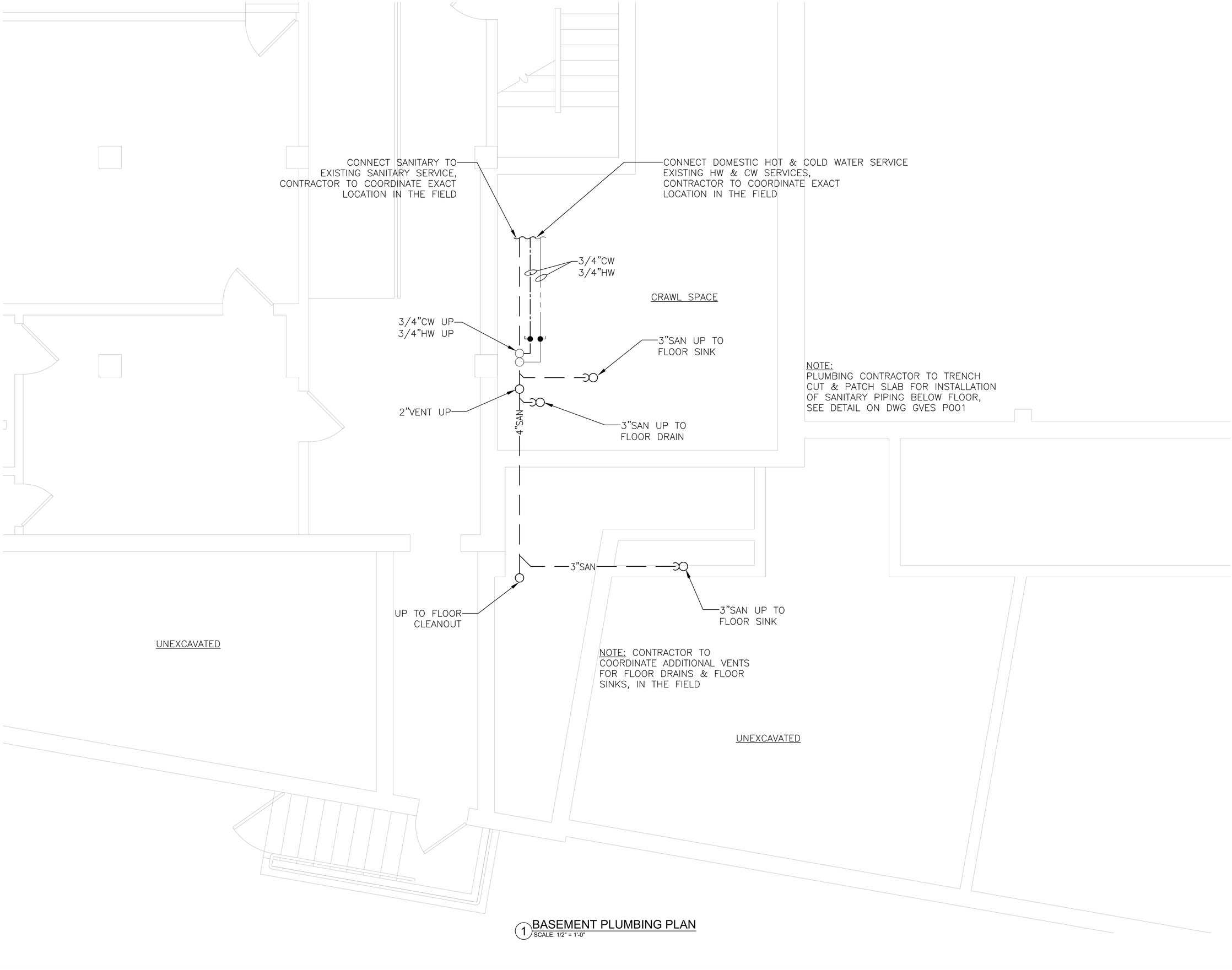

1 BASEMENT PLUMBING PLAN
SCALE: 1/2" = 1'-0"

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SEELY PLACE ELEMENTARY SCHOOL
CAFETERIA RENOVATION AND RELATED WORK
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
BASEMENT PLUMBING PLAN

DATE	ISSUED TO
1-06-2023	BID

SHEET SIZE	DRAWING NO.
30"x42"	GVES P100
SCALE: AS NOTED	
DRAWN BY: LFG	FILE NO: 21434.01

PLOT DATE: December 21, 2022 - 3:04pm

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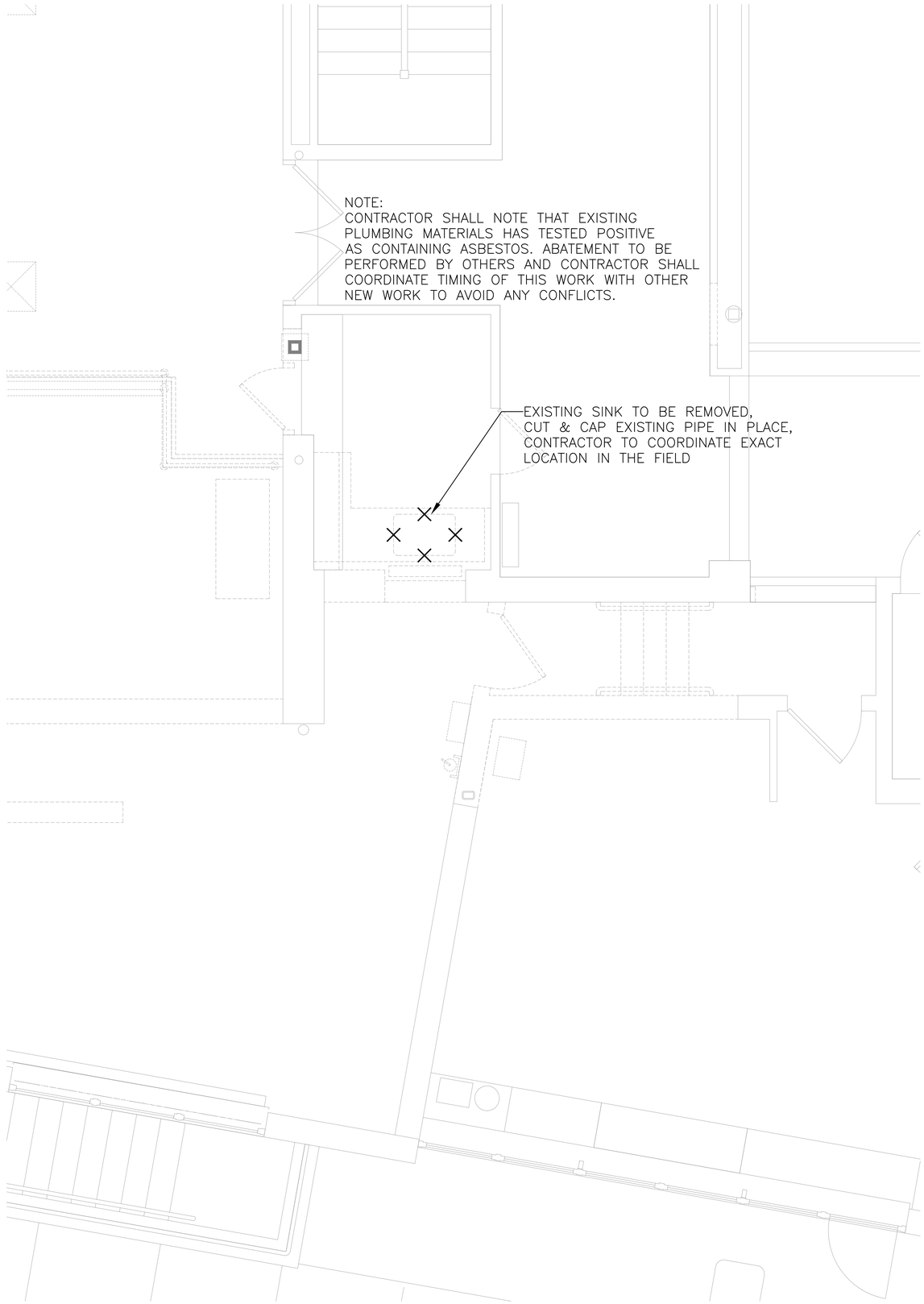
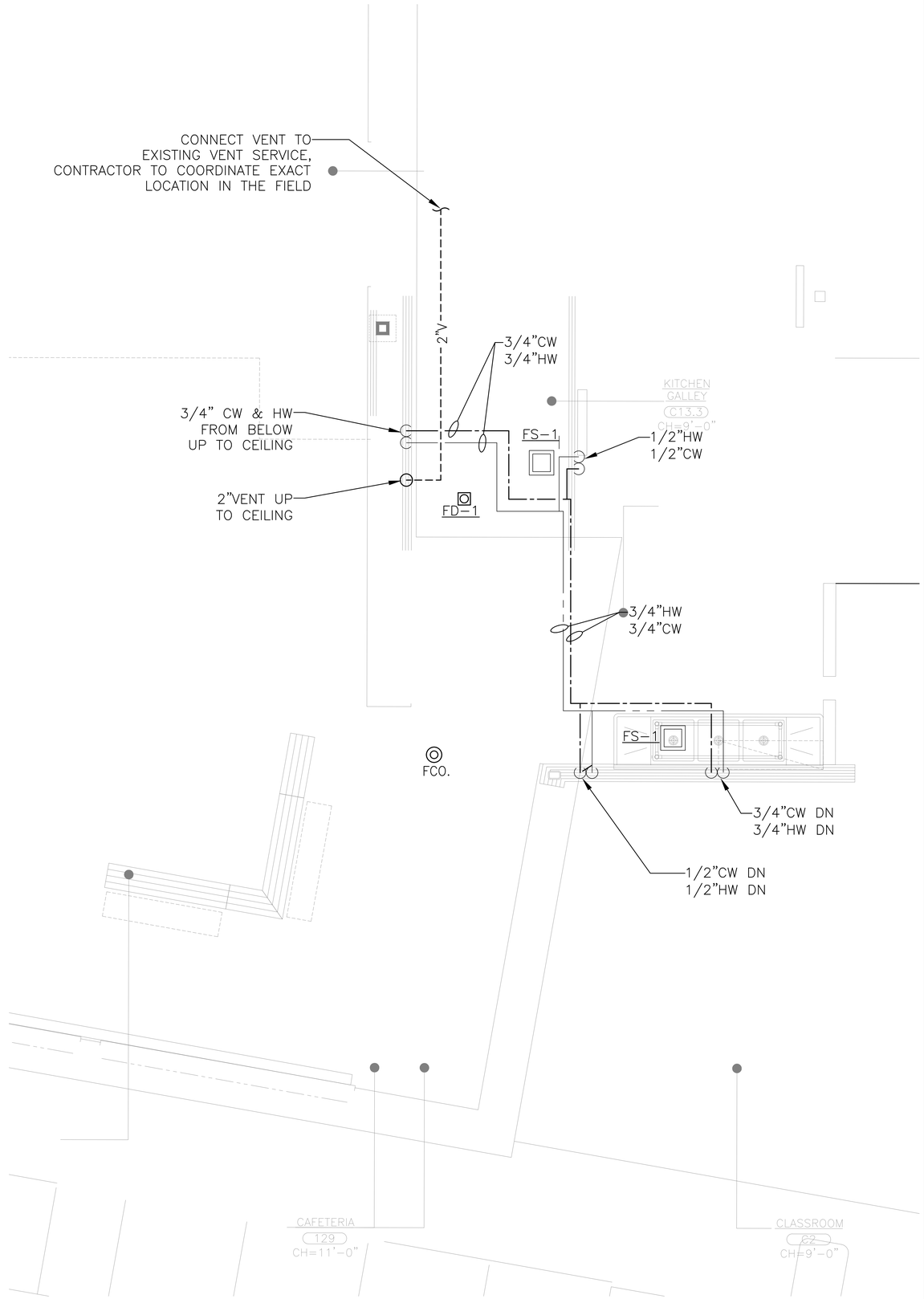


1 FIRST FLOOR PLUMBING DEMOLITION PLAN
SCALE: 1/2" = 1'-0"



2 FIRST FLOOR PLUMBING PLAN
SCALE: 1/2" = 1'-0"

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SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
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SEELY PLACE ELEMENTARY SCHOOL
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
FIRST FLOOR PLUMBING PLANS

1-06-2023	BID
DATE	ISSUED TO

SHEET SIZE: 30"x42"	DRAWING NO.: GVES P101
SCALE: AS NOTED	
DRAWN BY: LFG	FILE NO.: 21434.01

PLOT DATE: December 21, 2022 - 3:02pm

FILE: N:\Edgemont School District\Greenville Elementary\Cafeteria Reno\ACAD\Plumbing\GV CAFE_P001_P100_P101_P200.dwg

1. GENERAL:

A. THE "GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION," AIA DOCUMENT A201, LATEST EDITION, AND THESE SPECIFICATIONS AS APPLICABLE ARE PART OF THIS CONTRACT.

B. APPLICABLE CODE IS THE PLUMBING CODE OF NEW YORK STATE 2020 AND ALL LAWS AND REGULATIONS GOVERNING OR RELATING TO ANY PORTION OF THIS WORK ARE HEREBY INCORPORATED INTO AND MADE A PART OF THESE SPECIFICATIONS, AND THEIR PROVISIONS SHALL BE CARRIED OUT BY THE CONTRACTOR WHO SHALL INFORM THE OWNER, PRIOR TO SUBMITTING A PROPOSAL, OF ANY WORK OR MATERIAL WHICH VIOLATES ANY OF THE ABOVE LAWS AND REGULATIONS. ANY WORK DONE BY THE CONTRACTOR CAUSING SUCH VIOLATION SHALL BE CORRECTED BY THE CONTRACTOR.

C. INVESTIGATE EACH SPACE THROUGH WHICH EQUIPMENT MUST BE MOVED. WHERE NECESSARY, EQUIPMENT SHALL BE SHIPPED FROM MANUFACTURER IN SECTIONS OF SIZE SUITABLE FOR MOVING THROUGH AVAILABLE RESTRICTIVE SPACES. ASCERTAIN FROM BUILDING OWNER AND TENANT AT WHAT TIMES OF DAY EQUIPMENT MAY BE MOVED THROUGH ALL AREAS.

D. DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENT OF SYSTEMS AND WORK. PIPE ROUTING IS SHOWN DIAGRAMMATICALLY AND DOES NOT SHOW ALL OFFSETS, DROPS AND RISES OF RUNS. THE CONTRACTOR SHALL ALLOW IN HIS PRICE FOR ROUTING OF PIPE TO AVOID OBSTRUCTIONS. COORDINATION WITH THE EXISTING SERVICES, INCLUDING THOSE OF OTHER TRADES IS REQUIRED. MAINTAIN HEADROOM AND SPACE CONDITIONS.

E. INSTALL WORK SO AS TO BE READILY ACCESSIBLE FOR OPERATION, MAINTENANCE AND REPAIR. MINOR DEVIATIONS FROM DRAWINGS MAY BE MADE TO ACCOMPLISH THIS, BUT CHANGES WHICH INVOLVE EXTRA COST SHALL NOT BE MADE WITHOUT APPROVAL.

F. REMOVAL AND RELOCATION OF CERTAIN EXISTING WORK WILL BE NECESSARY FOR THE PERFORMANCE OF THE GENERAL WORK. ALL EXISTING CONDITIONS CANNOT BE COMPLETELY DETAILED ON THE DRAWINGS. THE CONTRACTOR SHALL SURVEY THE SITE AND INCLUDE ALL CHANGES IN MAKING UP THE WORK PROPOSAL.

G. CONNECTIONS TO EXISTING WORK: INSTALL NEW WORK AND CONNECT TO EXISTING WORK WITH MINIMUM INTERFERENCE TO EXISTING FACILITIES. TEMPORARY SHUTDOWNS OF EXISTING SERVICES SHALL BE PERFORMED AT NO ADDITIONAL CHARGES, AT TIMES NOT TO INTERFERE WITH NORMAL OPERATION OF EXISTING FACILITIES AND ONLY WITH WRITTEN CONSENT OF OWNER. MAINTAIN CONTINUOUS OPERATION OF EXISTING FACILITIES AS REQUIRED WITH NECESSARY TEMPORARY CONNECTIONS BETWEEN NEW AND EXISTING WORK. CONNECT NEW WORK TO EXISTING WORK IN NEAT AND ACCEPTABLE MANNER. RESTORE EXISTING DISTURBED WORK TO ORIGINAL CONDITION.

H. DISCONNECT, REMOVE AND/OR RELOCATE EXISTING MATERIAL, EQUIPMENT AND OTHER WORK AS NOTED OR REQUIRED FOR PROPER INSTALLATION OF NEW WORK.

I. THE CONTRACTOR SHALL KEEP ALL EQUIPMENT AND MATERIALS, AND ALL PARTS OF THE BUILDING, EXTERIOR SPACES AND ADJACENT STREETS, SIDEWALKS AND PAVEMENTS, FREE FROM MATERIAL AND DEBRIS RESULTING FROM THE EXECUTION OF THIS WORK. EXCESS MATERIALS WILL NOT BE PERMITTED TO ACCUMULATE EITHER ON THE INTERIOR OR THE EXTERIOR.

J. THE LOCATIONS OF THE EXISTING SERVICES ARE BELIEVED TO BE AS INDICATED ON THE DRAWINGS. THE CONTRACTOR SHALL VERIFY THE ACTUAL LOCATION OF THESE SERVICES AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO COMMENCING ANY WORK.

K. SEAL OPENINGS THROUGH PARTITIONS, WALLS AND FLOORS WITH NON-SHRINKING FIRE PROOF CAULKING OR OTHER NON-COMBUSTIBLE MATERIAL.

L. PROVIDE ALL NECESSARY FLASHING AND COUNTERFLASHING TO MAINTAIN THE WATERPROOFING INTEGRITY OF THIS BUILDING AS REQUIRED BY THE INSTALLATION OR REMOVAL OF PIPING AND EQUIPMENT. PROVIDE EQUIPMENT CURBS AS REQUIRED.

M. ALL PRESENT MATERIAL, EQUIPMENT AND CONSTRUCTION DEBRIS TO BE REMOVED UNDER THIS CONTRACT SHALL BECOME THE PROPERTY OF THE CONTRACTOR WITH THE EXCEPTION OF SPECIFIC EQUIPMENT AND APPARATUS REQUESTED BY THE BUILDING REPRESENTATIVE, ARCHITECT OR AS NOTED TO BE RELOCATED ON THE DRAWINGS. REMOVED EQUIPMENT SHALL BE PROPERLY DISPOSED OF BY THIS CONTRACTOR.

N. MATERIALS AND WORKMANSHIP, UNLESS OTHERWISE NOTED, SHALL BE IN ACCORDANCE WITH BUILDING STANDARDS.

O. THE WORK IN THE BUILDING SHALL BE DONE WHEN AND AS DIRECTED, AND IN A MANNER SATISFACTORY TO THE OWNER. THE WORK SHALL BE PERFORMED SO AS TO CAUSE THE LEAST POSSIBLE INCONVENIENCE AND DISTURBANCE TO THE PRESENT OCCUPANTS.

P. THE CONTRACTOR'S PROPOSAL FOR ALL WORK SHALL BE PREDICATED ON THE PERFORMANCE OF THE WORK DURING REGULAR WORKING HOURS. WHEN SO DIRECTED, HOWEVER, THE CONTRACTOR SHALL INSTALL WORK IN OVERTIME AND THE ADDITIONAL COST TO BE CHARGED THEREFORE SHALL BE ONLY THE "PREMIUM" PORTION OF THE WAGES PAID.

Q. UNLESS OTHERWISE SPECIFICALLY SPECIFIED, INCLUDE ALL CUTTING AND PATCHING OF EXISTING FLOORS, WALLS, PARTITIONS AND OTHER MATERIALS IN THE EXISTING BUILDING. THE CONTRACTOR SHALL RESTORE THESE AREAS TO ORIGINAL CONDITION.

R. ALL MATERIAL AND EQUIPMENT TO BE NEW UNLESS OTHERWISE NOTED AND SHALL BE IN ACCORDANCE WITH BUILDING STANDARDS.

U. THE FINAL ACCEPTANCE WILL BE MADE AFTER THE CONTRACTOR HAS ADJUSTED HIS EQUIPMENT, TESTED THE VARIOUS SYSTEMS, DEMONSTRATED THAT IT FULFILLS THE REQUIREMENTS OF THE DRAWINGS AND SPECIFICATIONS AND HAS FURNISHED ALL THE REQUIRED CERTIFICATES OF INSPECTION AND APPROVAL.

2. SCOPE OF WORK:

A. SCOPE OF WORK SHALL CONSIST OF PROVIDING LABOR, MATERIALS, EQUIPMENT, SERVICES AND FEES NECESSARY FOR COMPLETE AND SAFE INSTALLATION IN CONFORMITY WITH THE 2012 INTERNATIONAL PLUMBING CODE AND (STATE OF CONNECTICUT) SUPPLEMENT AND ALL OTHER LOCAL CODES AND REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION, AS INDICATED ON DRAWINGS AND HEREIN SPECIFIED.

B. THE BASE BUILDING DRAWINGS, PLANS, DETAILS, SPECIFICATIONS AND SPECIFICATION ADDENDA ARE MADE PART OF THIS CONTRACT AND SHALL APPLY TO ALL WORK UNDER THE CONTRACT UNLESS OTHERWISE AMENDED, MODIFIED, SUPPLEMENTED OR SPECIFIED HEREIN.

C. THE CONTRACTOR SHALL FURNISH A WRITTEN GUARANTEE TO REPLACE OR REPAIR PROMPTLY AND ASSUME RESPONSIBILITY FOR ALL EXPENSES INCURRED FOR ANY WORKMANSHIP AND EQUIPMENT IN WHICH DEFECTS DEVELOP WITHIN ONE YEAR FROM THE DATE OF FINAL CERTIFICATE FOR PAYMENT AND/OR FROM DATE OR ACTUAL USE OF EQUIPMENT OR OCCUPANCY OF SPACES BY OWNER INCLUDED UNDER THE VARIOUS PARTS OF THE WORK, WHICHEVER DATE IS EARLIER. THIS WORK SHALL BE DONE AS DIRECTED BY THE OWNER. THIS GUARANTEE SHALL ALSO PROVIDE THAT WHERE DEFECTS OCCUR, THE CONTRACTOR WILL ASSUME RESPONSIBILITY FOR ALL EXPENSES INCURRED IN REPAIRING AND REPLACING WORK OF OTHER TRADES AFFECTED BY DEFECTS, REPAIRS OR REPLACEMENTS IN EQUIPMENT SUPPLIED BY THE CONTRACTOR.

D. THE CONTRACTOR SHALL GIVE NECESSARY NOTICE, FILE DRAWINGS AND SPECIFICATIONS WITH THE DEPARTMENT HAVING JURISDICTION, OBTAIN PERMITS OR LICENSES NECESSARY TO CARRY OUT THIS WORK AND PAY ALL FEES THEREFORE. THE CONTRACTOR SHALL ARRANGE FOR INSPECTION AND TESTS OF ANY OR ALL PARTS OF THE WORK IF SO REQUIRED BY AUTHORITIES AND PAY ALL CHARGES FOR SAME. THE CONTRACTOR SHALL PAY ALL COSTS FOR, AND FURNISH TO THE OWNER BEFORE FINAL BILLING, ALL CERTIFICATES NECESSARY AS EVIDENCE THAT THE WORK INSTALLED CONFORMS WITH ALL REGULATIONS WHERE THEY APPLY TO THIS WORK.

3. SHOP DRAWINGS:

A. PRIOR TO THE INSTALLATION OF ANY WORK AND PROCUREMENT OF EQUIPMENT PROVIDE COMPLETE SET OF COORDINATED SHOP DRAWINGS OF ALL NEW AND EXISTING EQUIPMENT, INDICATING CAPACITY DIMENSIONS AND SEQUENCE OF OPERATION FOR WRITTEN APPROVAL BY THE ARCHITECT AND ENGINEER.

B. INDICATE ON EACH SHOP DRAWINGS SUBMITTED:

1.PROJECT NAME AND LOCATION
2. NAME OF ARCHITECT AND ENGINEER
3. ITEM IDENTIFICATION
4. APPROVAL STAMP OF PRIME CONTRACTOR

C. SUBMISSIONS:

1.SUBMISSIONS 11 IN. X 17 IN. OR SMALLER: IF THE SUBMISSION IS A CATALOG CUT, THEN THE CONTRACTOR SHALL SUBMIT ONE ORIGINAL AND TWO COPIES. OTHERWISE, HE SHALL SUBMIT THREE COPIES. THE ARCHITECT WILL FORWARD THE ORIGINAL AND ONE COPY TO COPIES WHEN NO ORIGINAL IS RECEIVED) TO THE ENGINEER. ALL CATALOG CUTS SHALL BE COMPLETE.

2. SUBMISSIONS LARGER THAT 11 IN. X 17 IN.: SUBMIT TWO PRINTS AND ONE PAPER SEPIA TO THE ARCHITECT. THE ARCHITECT WILL FORWARD ONE PRINT AND THE PAPER SEPIA TO THE ENGINEER.

D. SUBMIT SHOP DRAWINGS FOR THE FOLLOWING:

1.PIPE AND FITTINGS VALVES
2. PLUMBING TRIM
3. PIPING LAYOUTS
4. SUPPORTS, HANGERS AND GUIDES
5. INSULATION

4. AS-BUILT DRAWINGS AND EQUIPMENT OPERATIONAL INSTRUCTIONS:

A. UPON COMPLETION AND ACCEPTANCE OF WORK, CONTRACTOR SHALL FURNISH WRITTEN INSTRUCTIONS AND EQUIPMENT MANUALS AND DEMONSTRATE TO THE OWNER THE PROPER OPERATION AND MAINTENANCE OF ALL EQUIPMENT AND APPARATUS FURNISHED UNDER THIS CONTRACT.

B. THESE INSTRUCTIONS SHALL BE TYPED ON 8-1/2 IN. X 11 IN. PAPER AND BOUND IN THREE RING BINDERS WITH CLEAR ACETATE COVERS. CONTRACTOR SHALL GIVE THREE COPIES OF THE INSTRUCTIONS TO THE OWNER AND ONE COPY TO THE ENGINEER.

C. THE INSTRUCTION BOOKLET SHALL BEAR THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE PROJECT, ARCHITECT AND ENGINEER.

D. REPRODUCIBLE "AS-BUILT" DRAWINGS SHALL BE PROVIDED INDICATING THE AS INSTALLED CONDITIONS OF THE WORK. "AS-BUILT" DRAWINGS SHALL BE PROVIDED TO THE ARCHITECT AFTER COMPLETION OF THE INSTALLATION.

5. GENERAL PROVISIONS FOR PLUMBING WORK:

A. SPECIFICATIONS ARE OF SIMPLIFIED FORM AND INCLUDE INCOMPLETE SENTENCES. WORDS OR PHRASES SUCH AS "THE CONTRACTOR SHALL,"SHALL BE," "FURNISH," "PROVIDE," "A," "THE," AND "ALL" HAVE BEEN OMITTED FOR BREVITY.

B. DEFINITIONS:

1."PROVIDE": TO SUPPLY, INSTALL AND CONNECT UP COMPLETE AND READY FOR SAFE AND REGULAR OPERATION THE PARTICULAR WORK REFERRED TO UNLESS SPECIFICALLY OTHERWISE NOTED.

2. "INSTALL": TO ERECT, MOUNT AND CONNECT COMPLETE WITH RELATED ACCESSORIES.

3. "FURNISH" OR "SUPPLY: TO PURCHASE, PROCURE, ACQUIRE AND DELIVER COMPLETE WITH RELATED ACCESSORIES.

4. "WORK": LABOR, MATERIALS, EQUIPMENT, APPARATUS, CONTROLS, ACCESSORIES AND OTHER ITEMS REQUIRED FOR PROPER AND COMPLETE INSTALLATION.

5. "WIRING": RACEWAY, FITTINGS, WIRE, BOXES AND RELATED ITEMS.

6. "CONCEALED": EMBEDDED IN MASONRY OR OTHER CONSTRUCTION, INSTALLED IN FURRED SPACES, WITHIN DOUBLE PARTITIONS OR HUNG CEILINGS, IN TRENCHES, IN CRAWL SPACES, OR IN ENCLOSURES.

7. "EXPOSED": NOT INSTALLED UNDERGROUND OR "CONCEALED" AS DEFINED ABOVE.

8. "SIMILAR" OR "EQUAL": EQUAL IN MATERIALS, WEIGHT, SIZE, DESIGN AND EFFICIENCY OF SPECIFIED PRODUCT.

C. QUALITY ASSURANCE:

1. QUALITY AND GAUGE OF MATERIALS: NEW, BEST OF THEIR RESPECTIVE KINDS, FREE FROM DEFECTS AND LISTED BY UNDERWRITERS LABORATORIES, INC., OR BEARING THEIR LABEL. MATERIALS AND EQUIPMENT OF SIMILAR APPLICATION SHALL BE OF SAME MANUFACTURER, EXCEPT AS NOTED.

3. "FURNISH" OR "SUPPLY: TO PURCHASE, PROCURE, ACQUIRE AND DELIVER COMPLETE WITH RELATED ACCESSORIES.

4. "WORK": LABOR, MATERIALS, EQUIPMENT, APPARATUS, CONTROLS, ACCESSORIES AND OTHER ITEMS REQUIRED FOR PROPER AND COMPLETE INSTALLATION.
2. GUARANTEE: ALL MATERIALS AND WORKMANSHIP SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR FROM DATE OF ACCEPTANCE OF WORK.

D. PRODUCT DELIVERY, STORAGE AND HANDLING:

1. MOVING OF EQUIPMENT: WHERE NECESSARY, SHIP IN CARTED SECTIONS OF SIZE TO PERMIT PASSING THROUGH AVAILABLE SPACES.

2. ACCESSIBILITY: FOR OPERATION, MAINTENANCE AND REPAIR. MINOR DEVIATIONS SHALL BE PERMITTED. CHANGES OF MAGNITUDE OR INVOLVING EXTRA COST ARE NOT PERMISSIBLE WITHOUT REVIEW. GROUP CONCEALED ELECTRICAL EQUIPMENT REQUIRING ACCESS WITH EQUIPMENT FREELY ACCESSIBLE THROUGH ACCESS DOORS.

E. PAINT SHALL BE THE BEST GRADE FOR ITS PURPOSE. DELIVER IN ORIGINAL SEALED CONTAINERS AND APPLY IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. COLORS SHALL BE AS SELECTED. UTILIZE GALVANIZED IRON PRIMER ON PANEL AND PULL BOXES, AFTER FABRICATION. UTILIZE HOT DIPPED GALVANIZED OR DIPPED IN ZINC CHROMATE FOR: OUTLET BOXES, JUNCTION BOXES, CONDUIT HANGERS, RODS, INSERTS AND SUPPORTS. RED LEAD OR ZINC CHROMATE WITH FINISH TO MATCH SURROUNDINGS SHALL BE USED FOR MARRED SURFACES OF STEEL EQUIPMENT AND RACEWAYS. A FIELD APPLIED ZINC CHROMATE PRIME COAT SHALL BE UTILIZED FOR STEEL OR IRON WORK.

F. BRUSH AND CLEAN WORK PRIOR TO CONCEALING, PAINTING AND ACCEPTANCE. PAINTED EXPOSED WORK SOILED OR DAMAGED. CLEAN AND REPAIR TO MATCH ADJOINING WORK BEFORE FINAL ACCEPTANCE. REMOVING DEBRIS FROM INSIDE AND OUTSIDE OF MATERIAL AND EQUIPMENT.

G. FINAL LOCATIONS AND MOUNTING ORIENTATIONS OF ALL PLUMBING FIXTURES SHALL BE VERIFIED BY ARCHITECT.

H. ALL ACCESS DOOR LOCATIONS SHALL BE REVIEWED BY ARCHITECT PRIOR TO INSTALLATION.

6. PIPE AND FITTINGS:

A. SANITARY DRAINAGE AND VENT

3. CAST IRON PIPE: NO-HUB WITH SCHEDULE 40 PIPE AND FITTINGS.
4. NEOPRENE GASKET WITH 4-BAND CLAMPS ON ALL RISERS. 2-BAND CLAMPS ACCEPTABLE ON HORIZONTAL PIPE RUNS ONLY.
5. HUB AND SPIGOT, CAST-IRON SOIL PIPE AND FITTINGS

B. DOMESTIC WATER

1. TYPE L HARD COPPER TUBING WITH CAST BRONZE OR WROUGHT COPPER FITTINGS AND 95/5 TIN ANTIMONY SOLDER JOINTS.

C. ALL EXPOSED PIPE AND FITTINGS SHALL BE CHROME PLATED BRASS.

D. ALL EXPOSED PIPING PASSING THROUGH WALLS, FLOORS, CEILINGS, AND PARTITIONS SHALL BE PROVIDED WITH CHROME PLATED CAST BRASS ESCUTCHEONS HELD IN PLACE WITH SET SCREWS.

E. PROVIDE 18" MINIMUM SPUN CLOSED AIR CHAMBERS INSTALLED ON EACH WATER SUPPLY PIPE AT ALL LAVATORY AND SINK FIXTURES.

F. PROVIDE STAINLESS STEEL WATER HAMMER ARRESTOR WITH DIELECTRIC FITTINGS CAPABLE OF BOTH VERTICAL AND HORIZONTAL INSTALLATION, ON ALL PIPING RUN WITH QUICK CLOSING VALVES. SIZE PER MANUFACTURE RECOMMENDATION. (OR 18 MIN. SPUN CLOSED AIR CHAMBERS MAY INSTALLED ON EACH WATER SUPPLY.

7. VALVES:

A. BALL VALVES:

1. TWO-PIECE, BRONZE, END ENTRY, 600 PSI WWP; SIMILAR TO STOCKHAM #S-216 BR-R-T, #S-216 BR-R-S.

B. CHECK VALVES:

1. BRONZE, THREADED CAP, TEFLON DISC; SIMILAR TO STOCKHAM #B310T, B-320T.

8. INSULATION:

A. ALL INSULATION (INCLUDING JACKET, FACING AND ADHESIVE) SHALL HAVE PROCEDURES LISTED IN ASTM E-84, NFPA 255 AND UL 273; NOT EXCEEDING A FLAME SPREAD OF 25 AND A SMOKE DEVELOPED OF 50.

B. ON VALVES AND FITTINGS PROVIDE PRE-MOLDED FIBERGLASS FITTINGS. VAPOR SEAL INSULATION ON CW AND HW.

C. CW PIPING: PROVIDE 1 IN. THICK FIBERGLASS SECTION PIPE COVERING WITH VAPOR BARRIER JACKET.

D. HW PIPING: PROVIDE 1 IN. THICK FIBERGLASS SECTIONAL PIPE COVERING.

9. PLUMBING FIXTURES:

A. PROVIDE ALL FIXTURES WITH STOP VALVES AND SUPPLIES AND FIXTURE TRAPS AS REQUIRED.

B. ALL FIXTURES WILL BE SUPPLIED BY OWNER BY DESIGN BUILDER (KIMBALL CONSTRUCTION).

C. PROVIDE ALL COPPER SPUN CLOSED AIR CHAMBERS ON ALL FIXTURE SUPPLY PIPES. AIR CHAMBER SHALL BE 18 INCH LONG MINIMUM.

D. PROVIDE ALL WATTS MODEL LF05 LEAD FREE WATER HAMMER ARRESTOR ON ALL FIXTURE SUPPLY PIPES, INCLUDING WASHING MACHINE AND DISHWASHER SUPPLY.

9. PIPING SUPPORTS:

B. SUPPORT ALL PIPING FROM BUILDING CONSTRUCTION BY PROVIDING INSERTS, BEAM CLAMPS, STEEL FISHPLATES (IN CONCRETE FILL ONLY), AND ACCEPTABLE BRACKETS. SUBMIT ALL METHODS FOR REVIEW.

C. PROVIDE TRAPEZE HANGERS OF BOLTED ANGLES OR CHANNELS FOR GROUPED LINES AND SERVICES.

D. PROVIDE ADDITIONAL FRAMING WHERE BUILDING CONSTRUCTION IS INADEQUATE. SUBMIT FOR REVIEW.

E. SUSPENDED HORIZONTAL PIPING:

10. SUPPORT ALL PIPING INDEPENDENTLY FROM STRUCTURE USING HEAVY IRON-HINGED TYPE HANGERS, SIMILAR TO GRINNELL CLEVIS NO. 260.

11. PROVIDE ELECTROPLATED SOLID-BAND HANGERS SIMILAR TO AUTO-GRIP, FOR TWO-INCH AND SMALLER PIPE.

12. PROVIDE WALL BRACKETS FOR WALL SUPPORTED PIPING AND PROVIDE PIPE SADDLES FOR FLOOR MOUNTED PIPING.

13. SUSPEND PIPING FROM INSERTS, USING BEAM CLAMPS WITH RETAINING CLAMP OR LOCKNUT, STEEL FISHPLATES, CANTILEVER BRACKETS OR OTHER ACCEPTED MEANS. BEAM CLAMPS SHALL BE SIMILAR TO GRINNELL FIGURES 61, 87, 131, OR 225.

14. SUSPEND PIPING BY RODS WITH DOUBLE NUTS.

15. PROVIDE ADDITIONAL STEEL FRAMING AS REQUIRED AND ACCEPTED WHERE OVERHEAD CONSTRUCTION DOES NOT PERMIT FASTENING HANGER RODS IN REQUIRED LOCATIONS.

16. SUPPORT BRANCH FIXTURE WATER PIPING IN CHASES WITH COPPER-PLATED METAL BRACKETS, SECURED TO STUDS, SIMILAR TO HOLD RITE NOS. 102-18, 107-18, 102-26, OR 101-26.

E. PROVIDE 180 DEGREE ARC GALVANIZED METAL COVERING SHIELDS ON HANGERS FOR INSULATED PIPING WITHOUT INCOMPRESSIBLE INSULATING BLOCK IN INSULATION AT HANGERS.

F. MAXIMUM HANGER SPACING AS INDICATED.

1. PIPE 1 INCH AND SMALLER SHALL BE EVERY 8 FEET.
2. PIPE 1-1/4 INCH AND LARGER SHALL BE EVERY 10 FEET.
3. COPPER TUBING 1-1/4 INCH AND SMALLER SHALL BE EVERY 6 FEET.
4. COPPER TUBING 1-1/2 INCH AND LARGER SHALL BE EVERY 10 FEET.
5. CAST IRON: EVERY FIVE FEET AND AT EVERY FITTING OR JOINT.

G. VERTICAL PIPING:

17. PROVIDE SPACING AS INDICATED:

a. THREADED PIPING SHALL BE EVERY OTHER FLOOR LEVEL, AT A MAXIMUM OF 25 FEET ON CENTERS.

b. CAST IRON PIPING SHALL BE EVERY FLOOR LEVEL, MAXIMUM 20 FEET ON CENTERS; HUBLESS PIPE IS THE EXCEPTION, REQUIRING A MAXIMUM OF 10 FEET ON CENTERS.

c. TUBING SHALL BE EVERY FLOOR LEVEL MAXIMUM TEN FEET ON CENTERS.

H. EXPANSION ANCHORS:

1. PROVIDE SMOOTH WALL, NON-SELF DRILLING INTERNAL PLUG EXPANSION TYPE ANCHORS CONSTRUCTED OF AISC 12L14 STEEL AND ZINC PLATED IN ACCORDANCE WITH FED. SPEC. QQ-A-325 TYPE 1, CLASS 3.

2. DO NOT EXCEED 1/4 OF AVERAGE VALVES FOR A SPECIFIC ANCHOR SIZE USING 2000 PSIG CONCRETE ONLY, FOR MAXIMUM WORKING LOADS.

3. PROVIDE SPACING AND INSTALL ANCHORS IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

4. EXPANSION ANCHORS SHALL BE U.L. LISTED AND SIMILAR TO HILTI HDI.

5. TESTS:

A. DRAINAGE AND VENT PIPING:

1. CAP ALL OUTLETS AND FILL PIPING SYSTEM TO OVERFLOWING FROM A POINT AT LEAST 10 FEET ABOVE THE FLOOR.

2. THE WATER LEVEL SHALL REMAIN CONSTANT THROUGHOUT THE TEST DURATION OF 2 HOURS.

C. ARRANGE AND COORDINATE TESTS WITH OWNER 48 HOURS IN ADVANCE NOTIFY ENGINEER AND ARCHITECT OF TEST AND DATE TIME.

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S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
CAFETERIA RENOVATION AND RELATED WORK
SEELY PLACE ELEMENTARY SCHOOL
PHASE 1 - HVAC & CAFETERIA

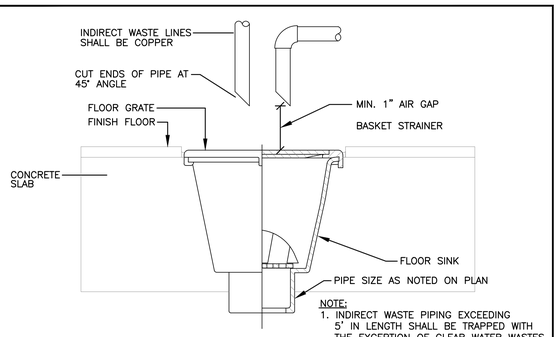
DRAWING TITLE
PLUMBING SPECIFICATIONS

1-06-2023	BID
DATE	ISSUED TO

SHEET SIZE: 30"x42"	DRAWING NO.: GVES P200
SCALE: AS NOTED	
DRAWN BY: LFG	FILE NO.: 21434.01

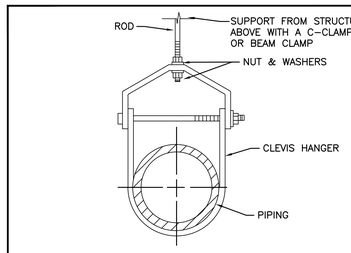
PLOT DATE: December 21, 2022 - 2:59pm

FILE: N:\Edgemont School District\Greenville Elementary\Cafeteria Reno\ACAD\Plumbing\GV CAFE_P001_P100_P101_P200.dwg

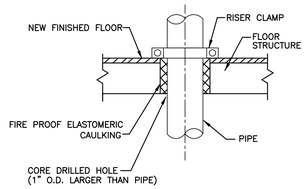


NOTE:
1. INDIRECT WASTE PIPING EXCEEDING 5' IN LENGTH SHALL BE TRAPPED WITH THE EXCEPTION OF CLEAR WATER WASTES.

FLOOR SINK–DETAIL
NO SCALE

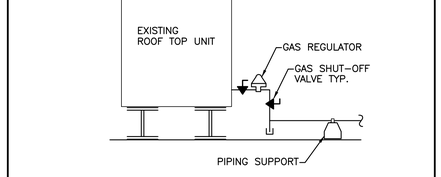


PIPE HANGER
NO SCALE

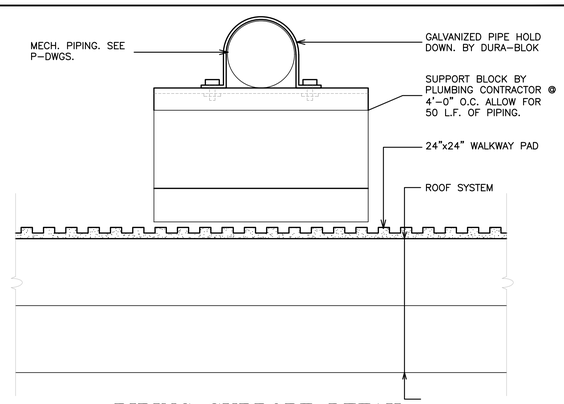


DETAIL FLOOR PENETRATION
NO SCALE

TYPICAL SLAB PATCH & UTILITY TRENCH
NO SCALE



GAS CONNECTION DETAIL
NOT TO SCALE



PIPING SUPPORT DETAIL
NOT TO SCALE

PLUMBING SYMBOL LIST

SYMBOL	DESCRIPTION
	NOTE: NOT ALL SYMBOLS ARE USED
	EXISTING PIPING TO REMAIN
	EXISTING PIPING TO BE REMOVED
	SANITARY PIPE BELOW FLOOR/SLAB (SAN)
SAN	SANITARY PIPE ABOVE FLOOR/SLAB (SAN)
	VENT PIPE (V)
	COLD WATER PIPING
	HOT WATER PIPING
	DIRECTION OF FLOW
	PIPE RISE OR UP THRU SLAB
	PIPE DROP OR DOWN THRU SLAB
	BOTTOM OF PIPE TAKE–OFF CONNECTION
	TOP OF PIPE TAKE–OFF CONNECTION
	P–TRAP
	CAP PIPE OUTLET
	CLEANOUT (CO)
	UNION
	VALVE IN RISE / VERTICAL
	POINT OF NEW CONNECTION
F	FLOOR DRAIN
	FLOOR SINK

PLUMBING ABBREVIATION LIST

SYMBOL	DESCRIPTION
AFF	ABOVE FINISHED FLOOR
CO	CLEANOUT
CW	COLD WATER
CLG	CEILING
CONN	CONNECT
DN	DOWN (PENETRATES FLOOR SLAB)
DR	DRAIN
DPCO	DECK PLATE CLEANOUT
EX	EXISTING
EL	ELEVATION
FL	FLOOR
HW	HOT WATER
IW	INDIRECT WASTE
MIN	MINIMUM
NTS	NOT TO SCALE
SAN	SANITARY
GW	GREASE WASTE
TYP	TYPICAL
UP	UP (PENETRATES FLOOR SLAB)
V or VNT	VENT
VIF	VERIFY IN FIELD
W	WASTE
WCO	WALL CLEANOUT

PLUMBING EQUIPMENT SCHEDULE

FD–1 FLOOR DRAIN: ZURN MODEL #ZN–415–P. W/TYPE 'B' STRAINER, 3" OUTLET, CAST IRON W/ 1/2" PRIMER TAP CONNECTION.

FS–1 FLOOR SINK: ZURN MODEL Z1752–NH4–Y–2, 12"x12" SQUARE TOP, 10" SUMP DEPTH, TYPE 304 STAINLESS STEEL LIGHT–DUTY SANI–FLOW RECEPTOR WITH NON–TILT, LOOSE SET FULL GRATE WITH 1/2" SQUARE OPENINGS AND ANTI–SPLASH STAINLESS STEEL INTERIOR DOME STRAINER

FCO FLOOR CLEANOUT: ZURN MODEL #Z–1440–ZN–T, CAST IRON W/POLISHED BRONZE TOP ACCESS COVER. SIZE AS INDICATED ON DRAWINGS. INSTALL PER MANUFACTURERS RECOMMENDATIONS.

WCO WALL CLEANOUT: ZURN MODEL #Z–1440–VP–ZN, CAST IRON W/POLISHED BRONZE TOP VANDAL PROOF ACCESS COVER. SIZE AS INDICATED ON DRAWINGS. INSTALL PER MANUFACTURERS RECOMMENDATIONS.

RPZ–1 REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER ASSEMBLY: WATTS CO. MODEL #LF909–QT–NPT, 1", (2) QUARTER–TURN VALVES. INSTALL PER MANUFACTURERS RECOMMENDATIONS.

FDC–1 FUNNEL DRAIN: ZURN MODEL #ZN181–FS–C–SS–NH, 6" DIAMETER CORNICE DRAIN, DURA–COATED W/ZURN MODEL #Z1724, 6" DIAMETER FUNNEL, STAINLESS STEEL AND SECURING SCREWS

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S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELEY PLACE ELEMENTARY SCHOOL
ADDITION AND RELATED WORK
SITE IMPROVEMENTS
PHASE 1 - HVAC & CAFETERIA

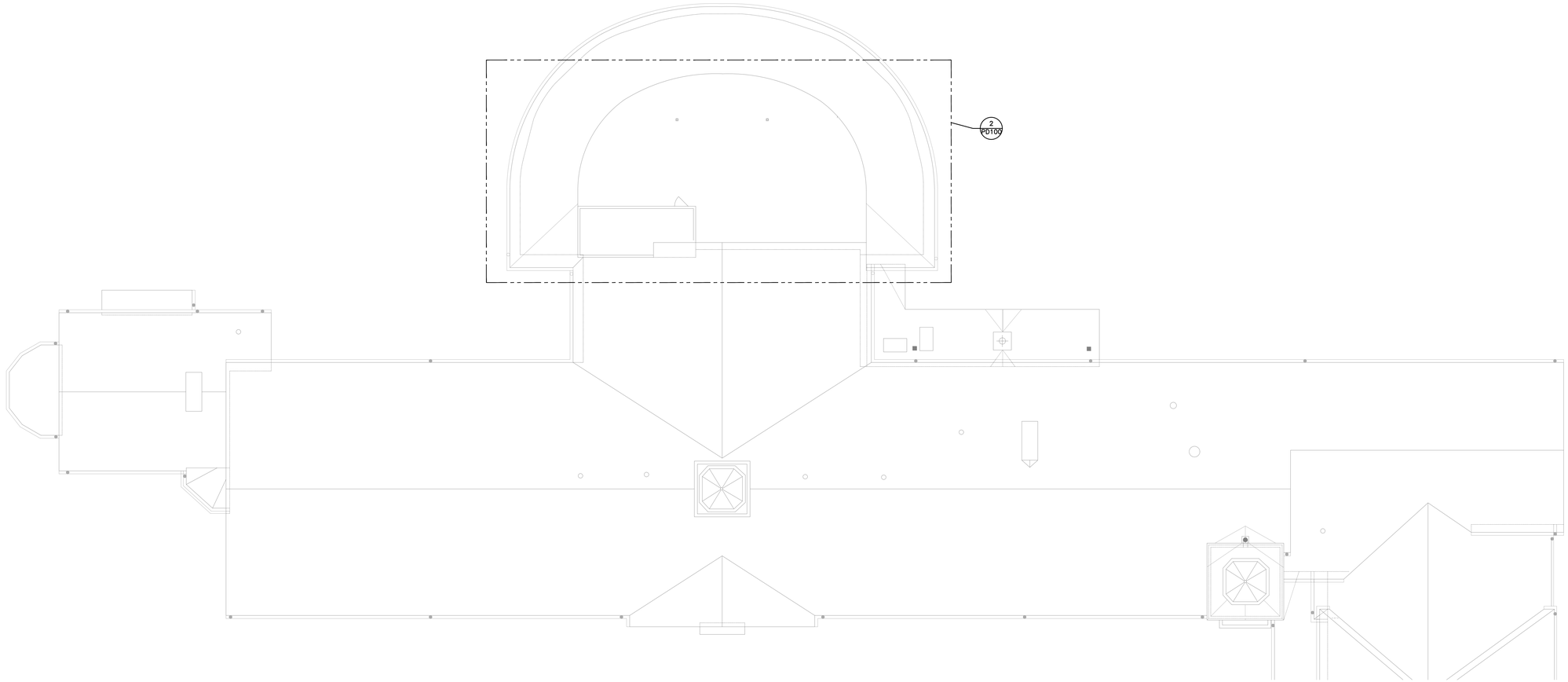
DRAWING TITLE
PLUMBING SYMBOLS, ABBREVIATIONS, SCHEDULES & DETAILS

DATE	ISSUED TO
1-06-2023	BID

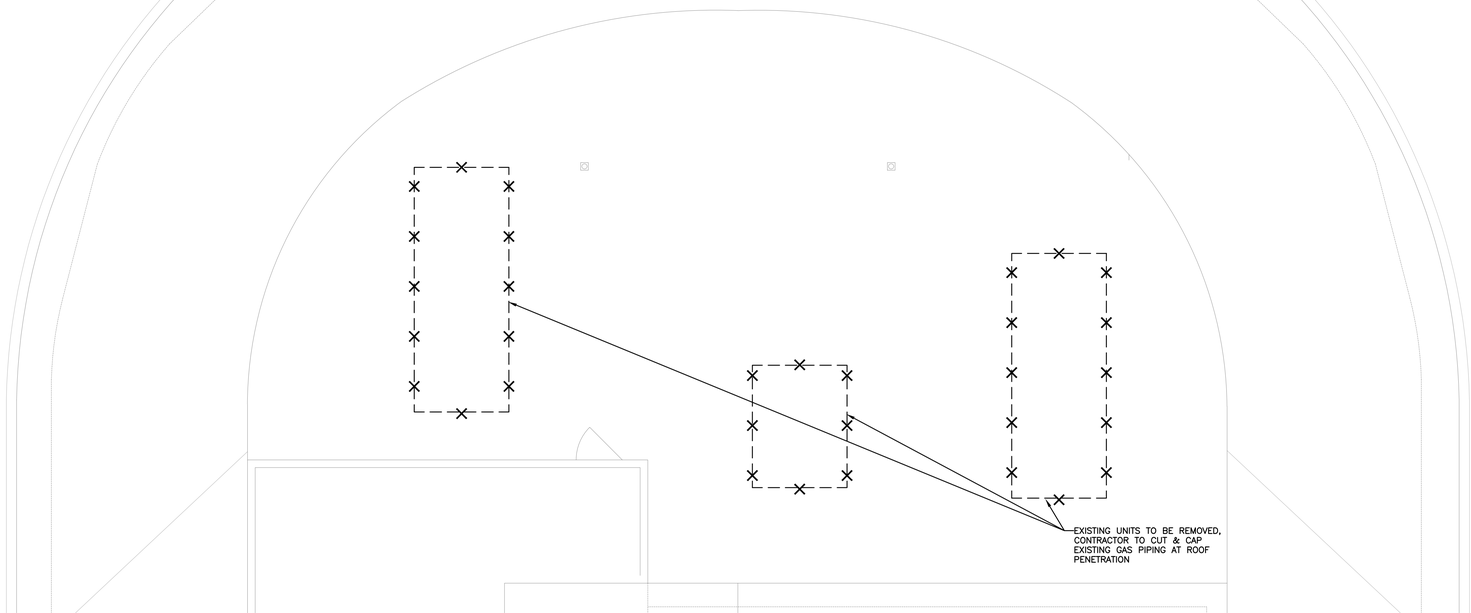
SHEET SIZE: 30"x42"	DRAWING NO.: SPES P001
SCALE: AS NOTED	
DRAWN BY: LFG	FILE NO.: 21434.01

PLOT DATE: December 21, 2022 – 2:43pm

FILE: N:\Edgemont School District\Seely Place Elementary Phase I\ACAD\Plumbing\SPES_Plumbing_.dwg



SEELY ELEMENTARY SCHOOL
1 ROOF PLUMBING DEMOLITION PLAN
SCALE: 3/32" = 1'-0"



SEELY ELEMENTARY SCHOOL PART
2 ROOF PLUMBING DEMOLITION PLAN
SCALE: 1/4" = 1'-0"

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S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELEY PLACE ELEMENTARY SCHOOL
CONSTRUCTION OF RELATED WORK
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
ROOF PLUMBING DEMO PLANS

1-06-2023	BID
DATE	ISSUED TO
SHEET SIZE: 30"x42"	DRAWING NO.: SPES PD100
SCALE: AS NOTED	
DRAWN BY: LFG	FILE NO.: 21434.01

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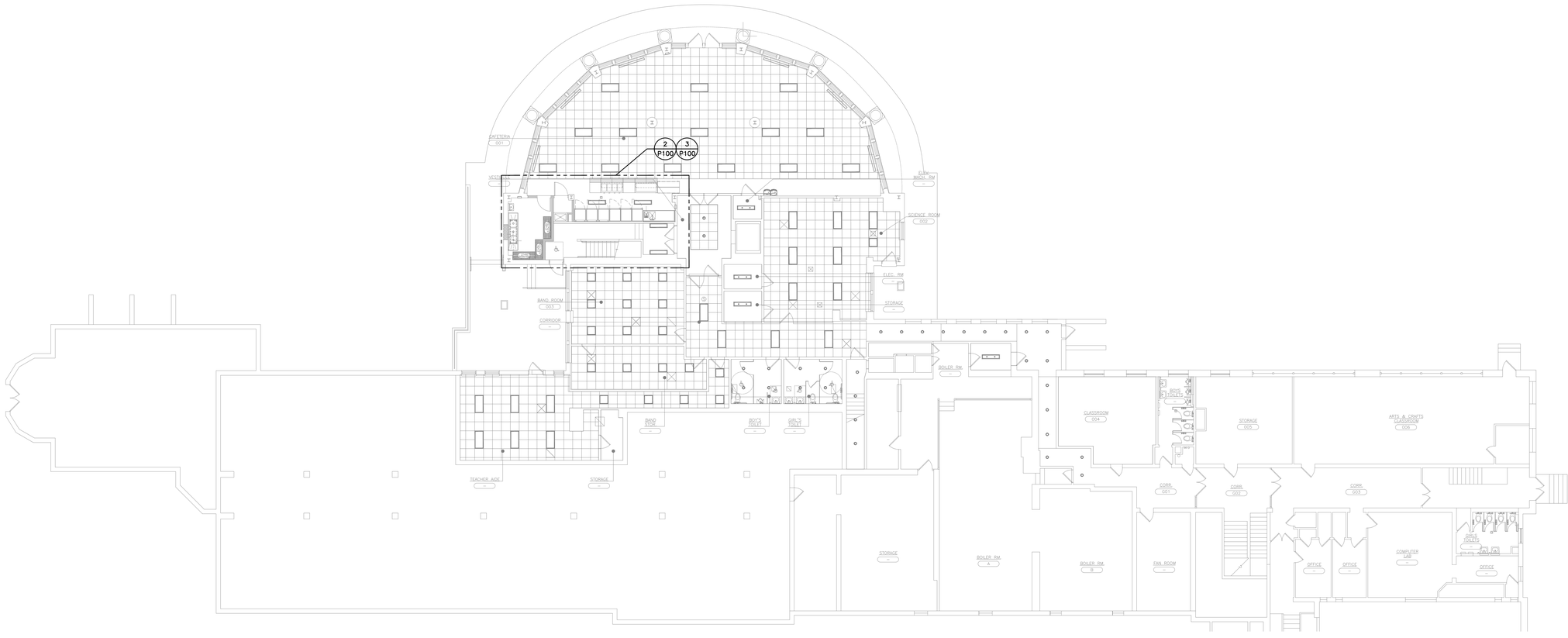
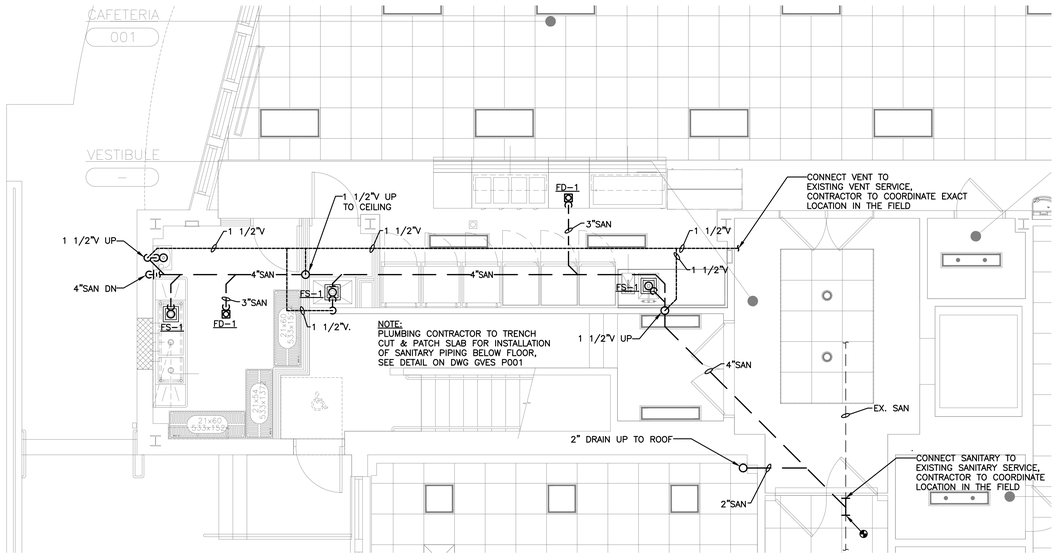
PLOT DATE: December 21, 2022 - 2:52pm

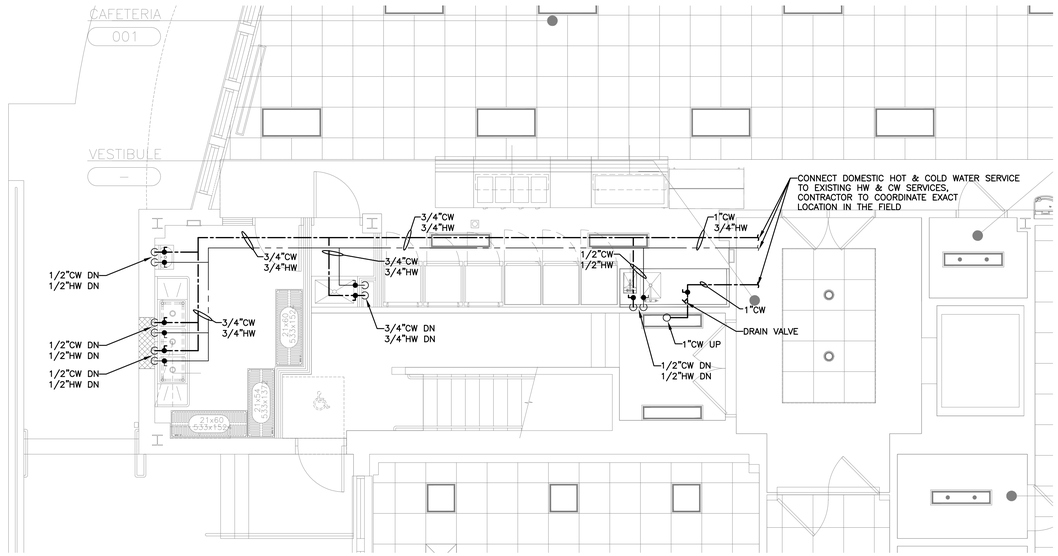
FILE: N:\Edgemont School District\Seely Place Elementary Phase I\ACAD\Plumbing\SPES_Plumbing_.dwg



SEELY ELEMENTARY SCHOOL
1 LOWER LEVEL PLUMBING PLAN
SCALE: 3/32" = 1'-0"



SEELY ELEMENTARY SCHOOL PART
2 LOWER LEVEL SANITARY & VENT PLUMBING PLAN
SCALE: 1/4" = 1'-0"



SEELY ELEMENTARY SCHOOL PART
3 LOWER LEVEL DOMESTIC WATER PLUMBING PLAN
SCALE: 1/4" = 1'-0"

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S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
ADDITION AND RELATED WORK
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
BASEMENT PLUMBING PLANS

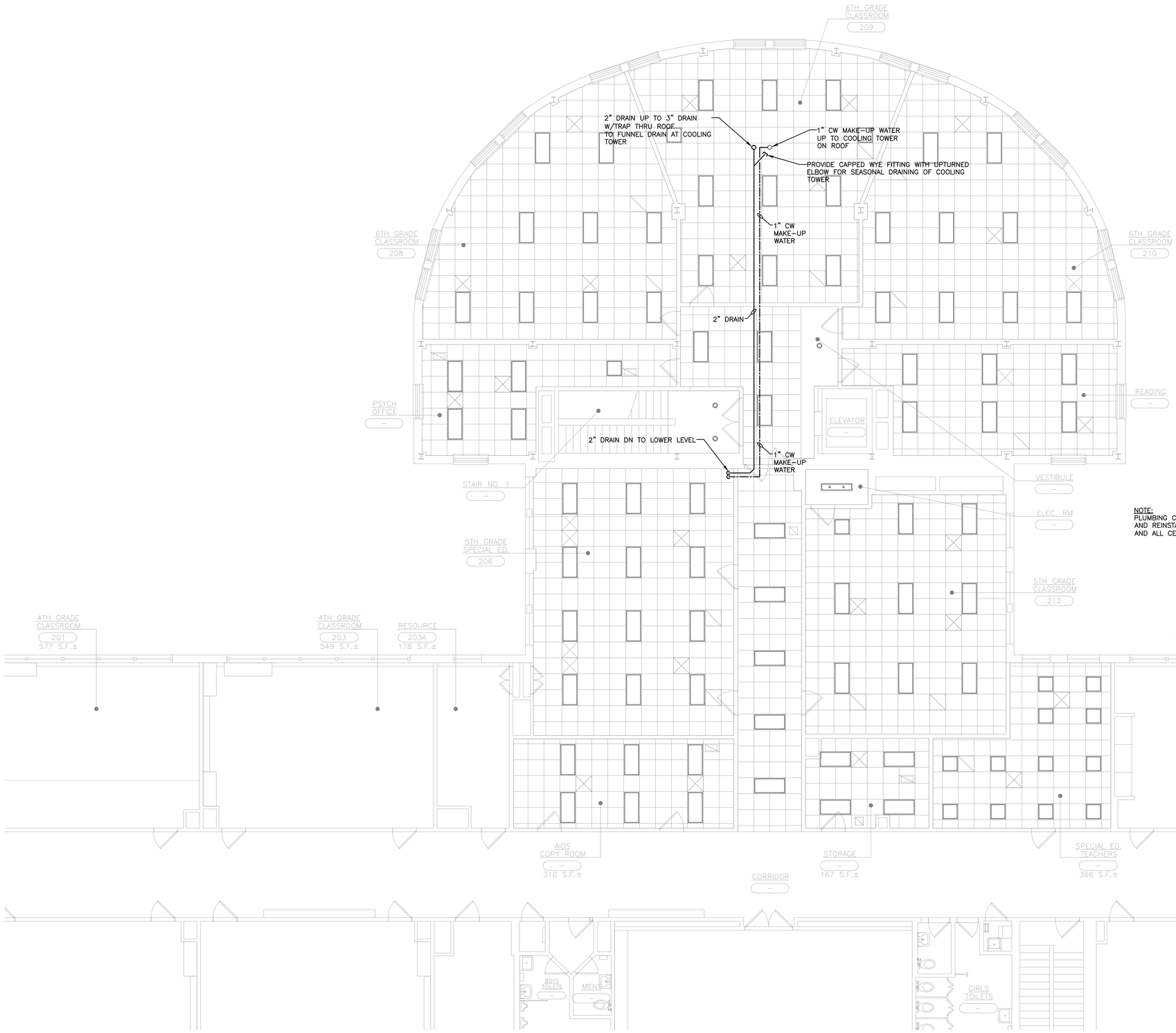
1-06-2023	BID
DATE	ISSUED TO

SHEET SIZE 30"x42"	DRAWING NO. SPES P100
SCALE AS NOTED	
DRAWN BY LFG	FILE NO. 21434.01

0 2' 4' 8' 16'

PLOT DATE: December 21, 2022 - 3:31pm

FILE: N:\Edgemont School District\Seely Place Elementary Phase I\ACAD\Plumbing\SPES_Plumbing_.dwg



NOTE:
PLUMBING CONTRACTOR IS RESPONSIBLE FOR REMOVING AND REINSTALLING CEILING TILES AND SUSPENSION SYSTEM AND ALL CEILING MOUNTED DEVICES (TYPICAL).

SEELY ELEMENTARY SCHOOL PART SECOND FLOOR PLUMBING PLAN

2 SCALE: 3/16" = 1'-0"

0 2' 4' 8' 16'

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S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
ASBESTOS REMEDIATION AND RELATED WORK
PHASE 1 - HVAC & CAFETERIA

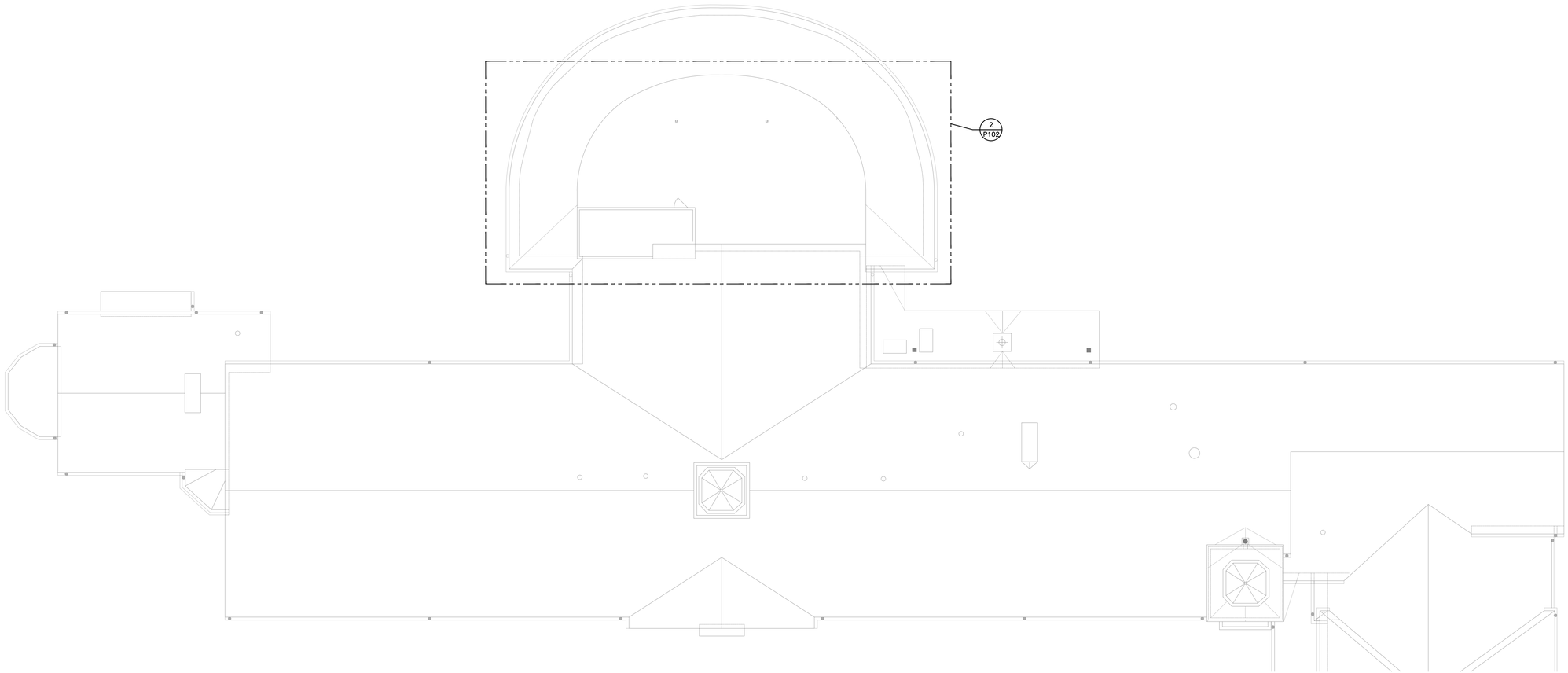
DRAWING TITLE
SECOND FLOOR PLUMBING PLANS

1-06-2023	BID
DATE	ISSUED TO

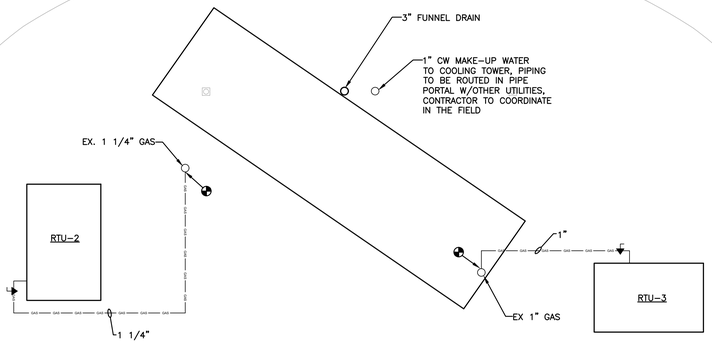
SHEET SIZE: 30"x42"	DRAWING NO.: SPES P101
SCALE: AS NOTED	
DRAWN BY: LFG	FILE NO.: 21434.01

PLOT DATE: December 21, 2022 - 2:48pm

FILE: N:\Edgemont School District\Seely Place Elementary Phase I\ACAD\Plumbing\SPES_Plumbing_.dwg



SEELY ELEMENTARY SCHOOL
1 ROOF PLUMBING PLAN
SCALE: 3/32" = 1'-0"



NOTE:
PLUMBING CONTRACTOR TO COORDINATE GAS PIPE ROUTING W/DUCTWORK AND RTU CLEARANCES IN THE FIELD

SEELY ELEMENTARY SCHOOL PART
2 ROOF PLUMBING PLAN
SCALE: 1/4" = 1'-0"

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S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
ADDITION AND RENOVATIONS/ALTERATIONS
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
ROOF PLUMBING PLANS

1-06-2023	BID
DATE	ISSUED TO
SHEET SIZE 30"x42"	DRAWING NO. SPES P102
SCALE AS NOTED	
DRAWN BY LFG	FILE NO. 21434.01

0 2' 4' 8' 16'

PLOT DATE: December 21, 2022 - 2:50pm

FILE: N:\Edgemont School District\Seely Place Elementary Phase I\ACAD\Plumbing\SPES_Plumbing_.dwg

ELECTRICAL LEGEND

- DUPLEX RECEPTACLE
- DOUBLE-DUPLEX RECEPTACLE
- DEDICATED RECEPTACLE
- FLOORBOX, SEE FLOORBOX SCHEDULE
- LP/XX — HOMERUN
- JUNCTION BOX
- TEL/CABLE RECEPTACLE
- DATA RECEPTACLE
- 100A — LOCKABLE DISCONNECT SWITCH WITH RATINGS
- PANEL
- RECESSED PANEL
- EXISTING PANEL
- EXISTING RECESSED PANEL
- S — SWITCH
- S_3 — SWITCH, 3-WAY
- S_M — SWITCH, MOTOR RATED
- S_O — SWITCH, OCCUPANCY SENSOR
- S_V — SWITCH, VACANCY SENSOR
- SINGLE FACE EXIT SIGN, WITH DIRECTIONAL ARROWS
- DUAL FACE EXIT SIGN, WITH DIRECTIONAL ARROWS
- SINGLE FACE EXIT SIGN, WITH INTEGRAL EMERGENCY LIGHTS
- CONDUIT UP
- CONDUIT DOWN
- NEW
- EXISTING
- DEMOLISH
- GFI — GROUND FAULT CIRCUIT PROTECTOR TYPE
- WP — WEATHER PROOF
- CLOCK
- PA SPEAKER
- WIRELESS ACCESS POINT

ABBREVIATIONS:

RMC	RIGID METAL CONDUIT
GRC	GALVANIZED RIGID STEEL CONDUIT (NEC RMC)
RGS	SEE GRC
IMC	INTERMEDIATE METAL CONDUIT
EMT	ELECTRICAL METAL TUBING
PVC	RIGID POLYVINYL CHLORIDE CONDUIT (SCHEDULE 40 U.N.O.)
FMC	FLEXIBLE METAL CONDUIT
LFMC	LIQUID TIGHT FLEXIBLE METAL CONDUIT
U.N.O.	UNLESS NOTED OTHERWISE
TYP.	TYPICAL
gfi	GROUND FAULT CIRCUIT INTERRUPTER TYPE
afi	ARC FAULT CIRCUIT INTERRUPTER TYPE
WP	WEATHER-PROOF WHILE IN USE TYPE
UP	CONDUIT UP
DN	CONDUIT DN
C	CONDUIT
GND	GROUND
LF	LINEAR FEET
ARCH.	ARCHITECT
COORD.	COORDINATE
SCC	PROSPECTIVE SHORT CIRCUIT CURRENT
MCA	MINIMUM CIRCUIT AMPACITY
FLA	FULL LOAD AMPERES
RLA	RATED LOAD AMPERES
LRA	LOCKED ROTOR AMPERES
MOCP	MAXIMUM OVER CURRENT PROTECTION
RFS	RECOMMENDED FUSE SIZE
(N)	NEW
(E)	EXISTING TO REMAIN
(RL)	RELOCATE EXISTING
(R)	REPLACE EXISTING IN LOCATION
(D)	DEMOLISH EXISTING

GENERAL NOTES:

1. CONTRACTOR SHALL PERFORM ALL WORK IN STRICT COMPLIANCE TO ALL APPLICABLE CODES AS ADOPTED BY THE AUTHORITY HAVING JURISDICTION. INCLUDING BUT NOT LIMITED TO:
   - 2020 BUILDING CODE OF NEW YORK STATE
   - 2020 FIRE CODE OF NEW YORK STATE
   - 2020 EXISTING BUILDING CODE OF NEW YORK STATE
   - 2020 ENERGY CONSERVATION CODE OF NEW YORK STATE
   - 2017 NATIONAL ELECTRIC CODE (NFPA 70)
2. CONTRACTOR SHALL PULL ALL PERMITS, AND CAUSE ALL INSPECTIONS AND SIGN OFFS.

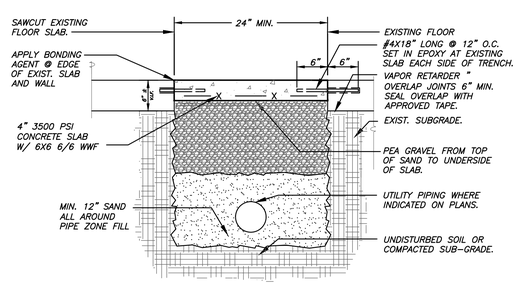
DEMOLITION NOTES:

1. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH MECHANICAL CONTRACTOR TO REMOVE BRANCH CIRCUITS BACK TO PANELBOARD FOR EACH DEMOLISHED MECHANICAL EQUIPMENT. ELECTRICAL CONTRACTOR SHALL TURN OFF AND MARK THE CIRCUIT BREAKER THAT THE DEMOLISHED BRANCH CIRCUIT USED AS SPARE IN EACH PLACE THAT CIRCUITS ARE LABELED.
2. CONTRACTOR SHALL DEMOLISH EXISTING PANELBOARDS EDS-1 AND EDS-2. CONTRACTOR SHALL RETAIN ALL FEEDERS AND BRANCH CIRCUITS CONNECTED TO EDS-1 AND EDS-2 FOR RECONNECTION TO NEW MAIN DISTRIBUTION PANEL MDP.

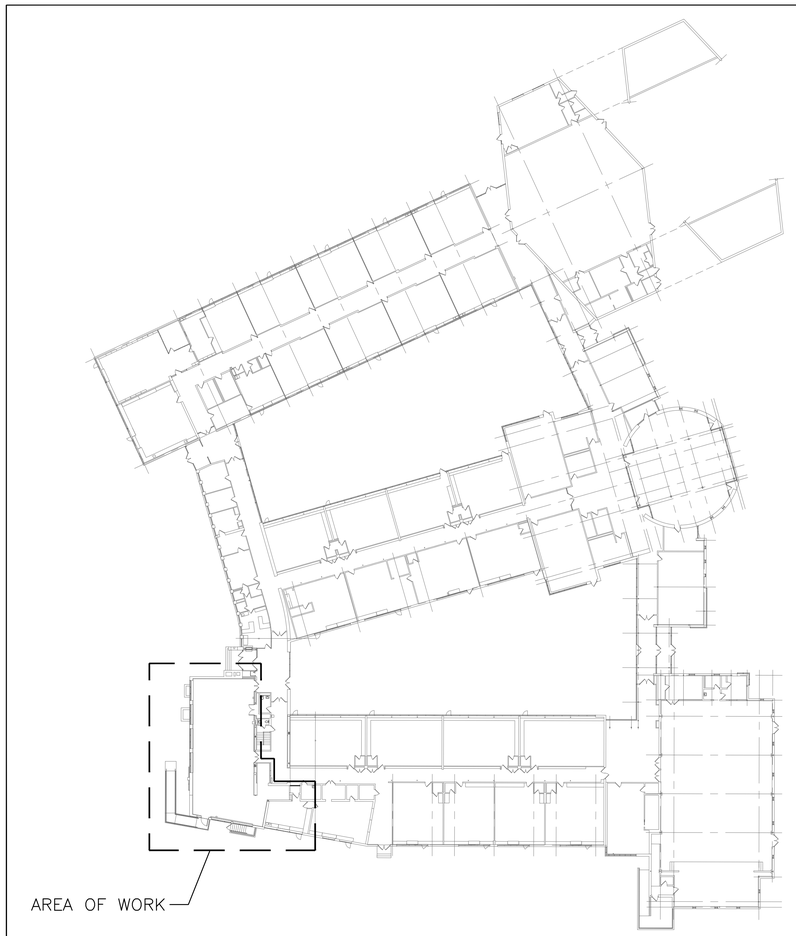
DRAWING SCHEDULE

DRAWING NUMBER	DRAWING DESCRIPTION
GVES E001	ELECTRICAL LEGEND, NOTES, ABBREVIATIONS, KEY PLAN, & DRAWING SCHEDULE
GVES E100	BASEMENT ELECTRICAL PLAN
GVES E101	FIRST FLOOR ELECTRICAL PLAN
GVES E102	ROOF ELECTRICAL PLAN
GVES E103	FIRST FLOOR ELECTRICAL LIGHTING PLAN
GVES E200	ELECTRICAL ONE LINE DIAGRAM
GVES E300	ELECTRICAL SCHEDULES, LOAD SUMMARY, AND WIRING DIAGRAMS
GVES FA100	FIRE ALARM LEGEND, NOTES, PART RISER, SEQUENCE OF OPERATIONS, & PLAN

1 DETAIL - CONCRETE EQUIPMENT PAD
SCALE: N.T.S.



2 DETAIL - TYPICAL SLAB PATCH & UTILITY TRENCH
SCALE: N.T.S.



KEY PLAN
N.T.S.

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S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
CAFETERIA RENOVATION AND RELATED WORK
SEELY PLACE ELEMENTARY SCHOOL
PHASE 1 - HVAC & CAFETERIA

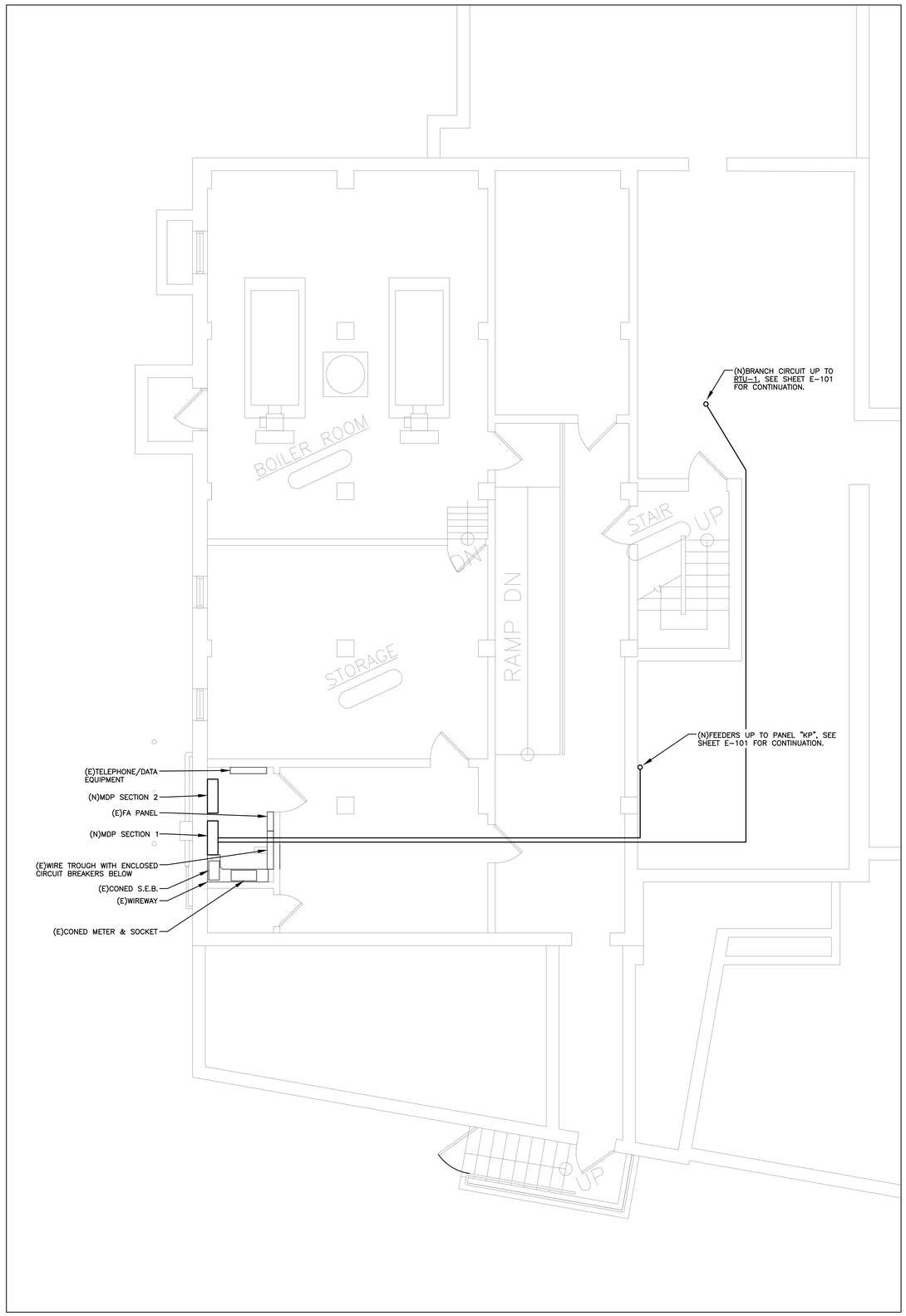
DRAWING TITLE
ELECTRICAL LEGEND, NOTES, ABBREVIATIONS, KEY PLAN, & DRAWING SCHEDULE

DATE	ISSUED TO
6-17-2022	SED ADDENDUM #2
1-06-2023	BID

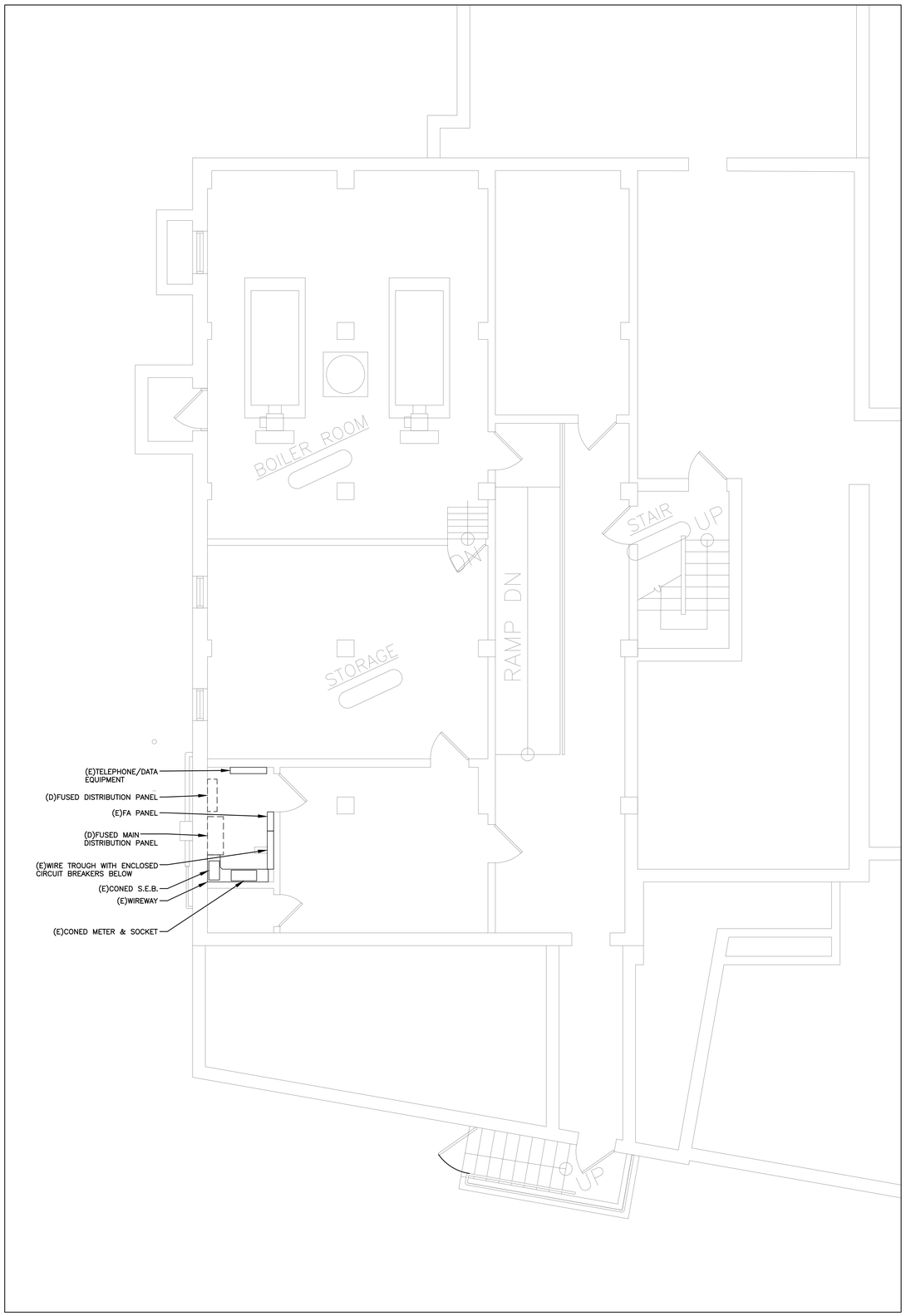
SHEET SIZE: 30"x42"
DRAWING NO.: GVES E001
SCALE: AS NOTED
DRAWN BY: LFG
FILE NO.: 21434.01

PLOT DATE: December 21, 2022 - 3:52pm

FILE: N:\Edgemont School District\Greenville Elementary\Cafeteria Reno\ACAD\Electrical\GV CAFE_E001_E100_E200.dwg



1 BASEMENT ELECTRICAL PLAN
SCALE: 1/4" = 1'-0"



2 BASEMENT ELECTRICAL DEMO PLAN
SCALE: 1/4" = 1'-0"

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S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
KITCHEN RENOVATION AND RELATED WORK
SEELY PLACE ELEMENTARY SCHOOL
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
BASEMENT ELECTRICAL PLAN

1-06-2023	BID
DATE	ISSUED TO

SHEET SIZE: 30"x42"	DRAWING NO.: GVES E100
SCALE: AS NOTED	
DRAWN BY: LFG	FILE NO.: 21434.01

PLOT DATE: December 21, 2022 - 3:53pm

FILE: N:\Edgemont School District\Greenville Elementary\Cafeteria Reno\ACAD\Electrical\GV CAFE_E001_E100_E200.dwg

GENERAL NOTES:

1. COORDINATE SLAB TRENCHING WITH GENERAL CONTRACTOR, STRUCTURAL ENGINEER AND ARCHITECT. RESTORE SLAB ONCE FLOOR BOX & CONDUIT INSTALLATION IS COMPLETE. REFER TO SLAB PATCH DETAIL 1 ON SHEET E001.
2. ENTIRE CAFETERIA WALLS WILL BE FURRED OUT. CONTRACTOR SHALL REMOUNT ALL WALL MOUNTED DEVICES INCLUDING BUT NOT LIMITED TO RECEPTACLES, SWITCHES, LOW VOLTAGE SYSTEMS, CLOCKS, PUBLIC ADDRESS SYSTEM, WIRELESS ACCESS POINTS, AUDIO VISUAL, ETC.

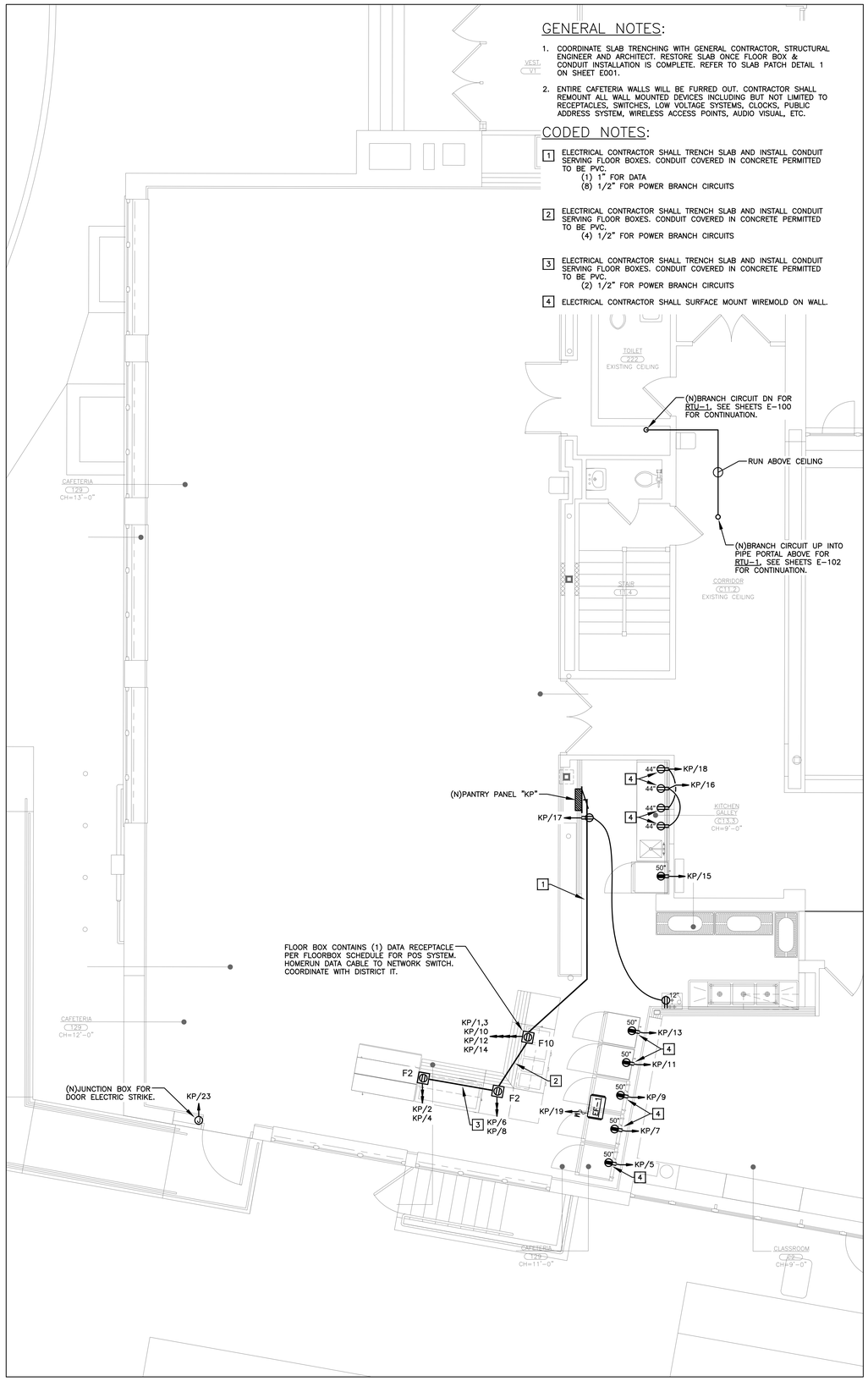
CODED NOTES:

[1] ELECTRICAL CONTRACTOR SHALL TRENCH SLAB AND INSTALL CONDUIT SERVING FLOOR BOXES. CONDUIT COVERED IN CONCRETE PERMITTED TO BE PVC.
(1) 1" FOR DATA
(8) 1/2" FOR POWER BRANCH CIRCUITS

[2] ELECTRICAL CONTRACTOR SHALL TRENCH SLAB AND INSTALL CONDUIT SERVING FLOOR BOXES. CONDUIT COVERED IN CONCRETE PERMITTED TO BE PVC.
(4) 1/2" FOR POWER BRANCH CIRCUITS

[3] ELECTRICAL CONTRACTOR SHALL TRENCH SLAB AND INSTALL CONDUIT SERVING FLOOR BOXES. CONDUIT COVERED IN CONCRETE PERMITTED TO BE PVC.
(2) 1/2" FOR POWER BRANCH CIRCUITS

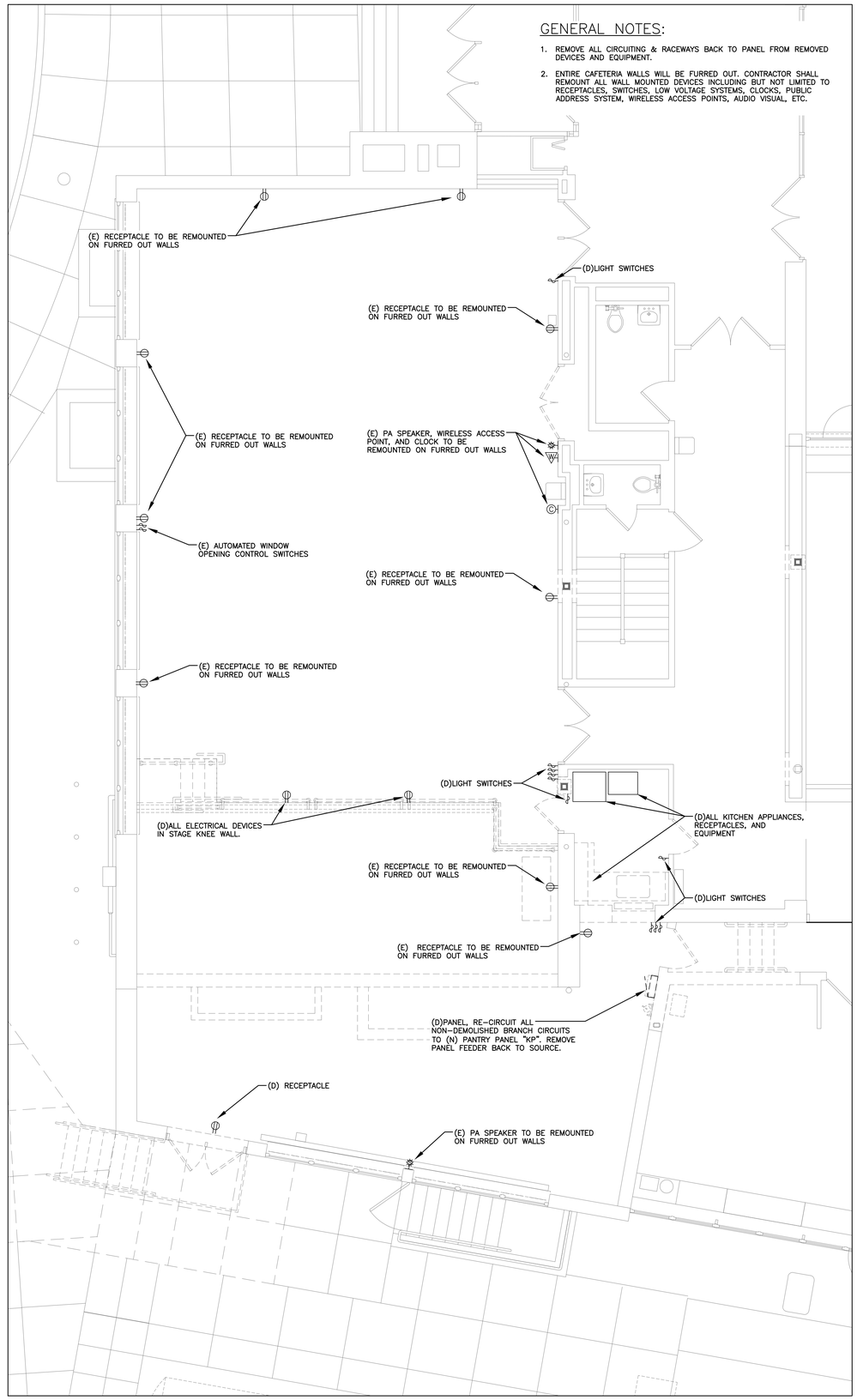
[4] ELECTRICAL CONTRACTOR SHALL SURFACE MOUNT WIREMOLD ON WALL.



1 FIRST FLOOR ELECTRICAL PLAN
SCALE: 1/4" = 1'-0"

GENERAL NOTES:

1. REMOVE ALL CIRCUITING & RACEWAYS BACK TO PANEL FROM REMOVED DEVICES AND EQUIPMENT.
2. ENTIRE CAFETERIA WALLS WILL BE FURRED OUT. CONTRACTOR SHALL REMOUNT ALL WALL MOUNTED DEVICES INCLUDING BUT NOT LIMITED TO RECEPTACLES, SWITCHES, LOW VOLTAGE SYSTEMS, CLOCKS, PUBLIC ADDRESS SYSTEM, WIRELESS ACCESS POINTS, AUDIO VISUAL, ETC.



2 FIRST FLOOR ELECTRICAL REMOVALS PLAN
SCALE: 1/4" = 1'-0"

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S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

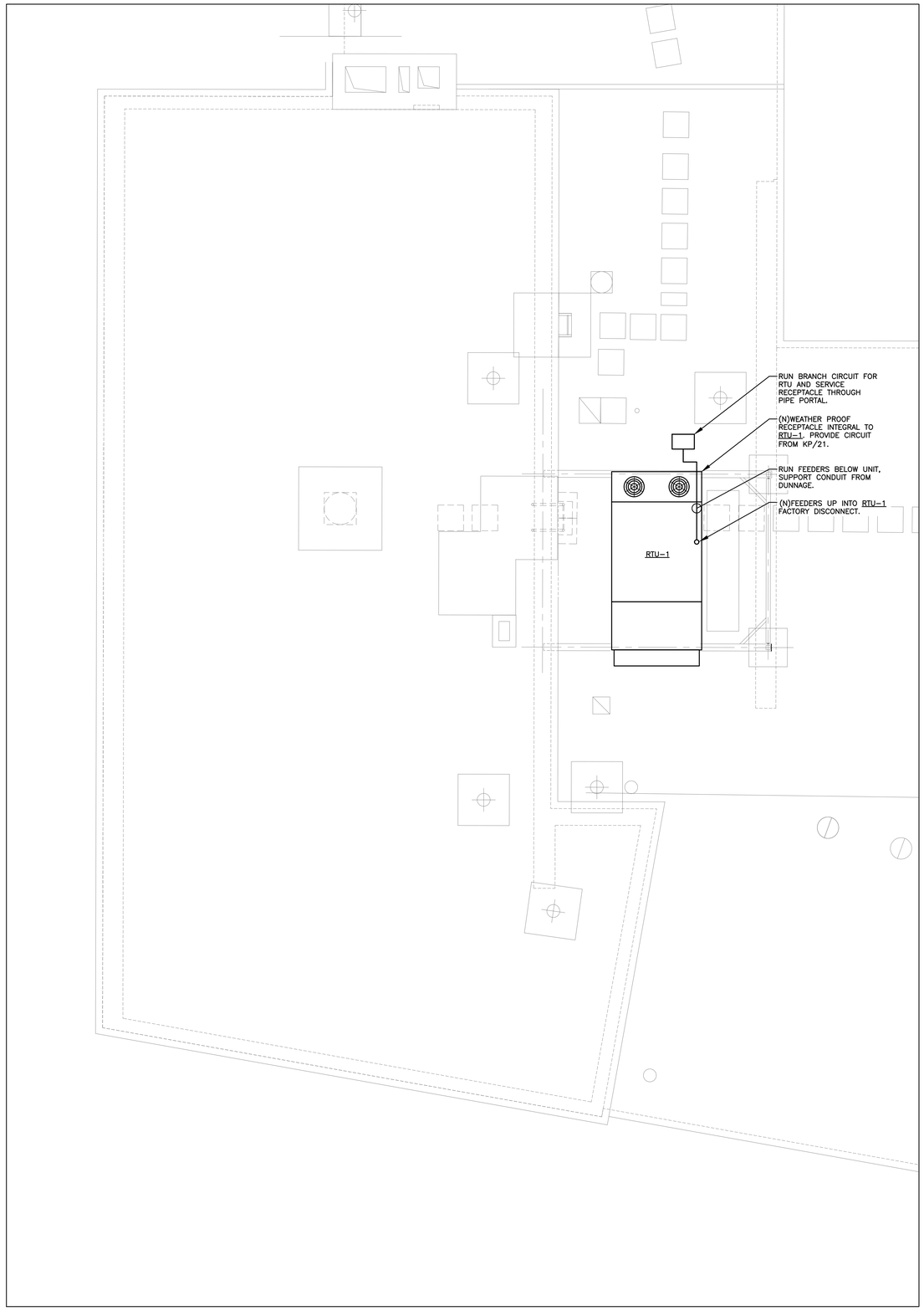
PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
ADDITION/RENOVATION AND RELATED WORK
SEELY PLACE ELEMENTARY SCHOOL
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
FIRST FLOOR ELECTRICAL PLAN

1-06-2023	BID
DATE	ISSUED TO
SHEET SIZE 30"x42"	DRAWING NO. GVES E101
SCALE AS NOTED	
DRAWN BY LFG	FILE NO. 21434.01

PLOT DATE: December 21, 2022 - 3:55pm

FILE: N:\Edgemont School District\Greenville Elementary\Cafeteria Reno\ACAD\Electrical\GV CAFE_E101.dwg



1 ROOF ELECTRICAL PLAN
SCALE: 1/4" = 1'-0"

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S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
CAFETERIA RENOVATION AND RELATED WORK
SEELY PLACE ELEMENTARY SCHOOL
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
ROOF ELECTRICAL PLAN

DATE	ISSUED TO
6-17-2022	SED ADDENDUM #2
1-06-2023	BID

SHEET SIZE	DRAWING NO.
30"x42"	GVES E102
SCALE: AS NOTED	
DRAWN BY: LFG	FILE NO.: 21434.01

PLOT DATE: December 21, 2022 - 3:56pm

FILE: N:\Edgemont School District\Greenville Elementary\Cafeteria Reno\ACAD\Electrical\GV CAFE_E102.dwg

GENERAL NOTES:

1. INSTALL LIGHTING CONTROL PER MANUFACTURER'S INSTRUCTIONS AND WIRING DIAGRAMS.
2. CONTRACTOR SHALL ENSURE LIGHTING CONTROL MEETS & IS COMMISSIONED TO COMPLY WITH THE 2020 ENERGY CONSERVATION CODE OF NEW YORK STATE.

CODED NOTES:

[1] TIE INTO EXISTING CORRIDOR LIGHTING CIRCUIT. MAINTAIN EXISTING CORRIDOR LIGHTING CONTROL.

LIGHTING CONTROL ZONES:

A	MANUAL DIMMING, OCCUPANCY SENSOR (AUTO-ON 100%, 15 MIN)
A-DZ1	MANUAL DIMMING, OCCUPANCY SENSOR (AUTO-ON 100%, 15 MIN), DAY LIGHT DIMMING
A-DZ2	MANUAL DIMMING, OCCUPANCY SENSOR (AUTO-ON 100%, 15 MIN), DAY LIGHT DIMMING
B	MANUAL DIMMING, OCCUPANCY SENSOR (AUTO-ON 100%, 15 MIN)
B-DZ1	MANUAL DIMMING, OCCUPANCY SENSOR (AUTO-ON 100%, 15 MIN), DAY LIGHT DIMMING
C	MANUAL DIMMING, OCCUPANCY SENSOR (MANUAL-ON, 15 MIN)
D	MANUAL DIMMING, OCCUPANCY SENSOR (MANUAL-ON, 15 MIN)
E	UNUSED
F	MANUAL DIMMING, OCCUPANCY SENSOR (AUTO-ON 50%, 15 MIN)
F-DZ1	MANUAL DIMMING, OCCUPANCY SENSOR (AUTO-ON 50%, 15 MIN), DAY LIGHT DIMMING

1 FIRST FLOOR ELECTRICAL LIGHTING PLAN
SCALE: 1/4" = 1'-0"

CODED NOTES:

[1] REMOVE ALL LIGHT FIXTURES & LIGHTING BRANCH CIRCUIT IN CAFETERIA.

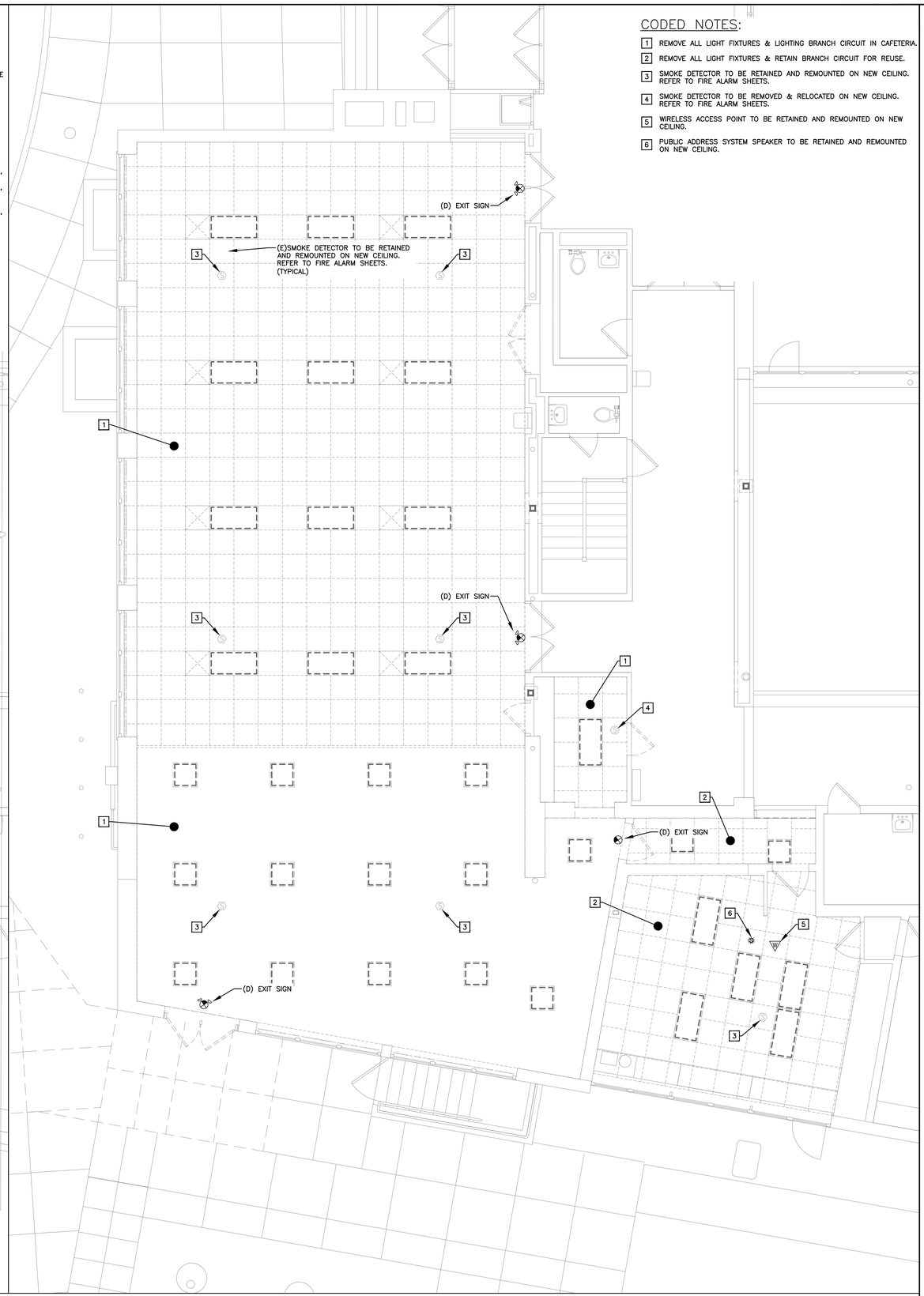
[2] REMOVE ALL LIGHT FIXTURES & RETAIN BRANCH CIRCUIT FOR REUSE.

[3] SMOKE DETECTOR TO BE RETAINED AND REMOUNTED ON NEW CEILING. REFER TO FIRE ALARM SHEETS.

[4] SMOKE DETECTOR TO BE REMOVED & RELOCATED ON NEW CEILING. REFER TO FIRE ALARM SHEETS.

[5] WIRELESS ACCESS POINT TO BE RETAINED AND REMOUNTED ON NEW CEILING.

[6] PUBLIC ADDRESS SYSTEM SPEAKER TO BE RETAINED AND REMOUNTED ON NEW CEILING.



2 FIRST FLOOR ELECTRICAL LIGHTING REMOVALS PLAN
SCALE: 1/4" = 1'-0"

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S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
CAFETERIA RENOVATION AND RELATED WORK
SEELY PLACE ELEMENTARY SCHOOL
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
FIRST FLOOR ELECTRICAL LIGHTING PLAN

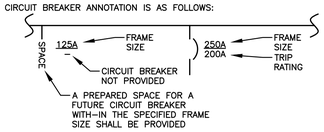
1-06-2023	BID
DATE	ISSUED TO
SHEET SIZE: 30"x42"	DRAWING NO.: GVES E103
SCALE: AS NOTED	
DRAWN BY: LFG	FILE NO.: 21434.01

PLOT DATE: December 21, 2022 - 3:57pm

FILE: N:\Edgemont School District\Greenville Elementary\Cafeteria Reno\ACAD\Electrical\GV CAFE_E103.dwg

ONE LINE DIAGRAM NOTES:

CIRCUIT BREAKER ANNOTATION IS AS FOLLOWS:



NOTE: ALL EQUIPMENT IS 3 POLE U.N.O.

DEMOLITION NOTES:

1. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH MECHANICAL CONTRACTOR TO REMOVE BRANCH CIRCUITS BACK TO PANELBOARD FOR EACH DEMOLISHED MECHANICAL EQUIPMENT. ELECTRICAL CONTRACTOR SHALL TURN OFF AND MARK THE CIRCUIT BREAKER THAT THE DEMOLISHED BRANCH CIRCUIT USED AS SPARE IN EACH PLACE THAT CIRCUITS ARE LABELED.

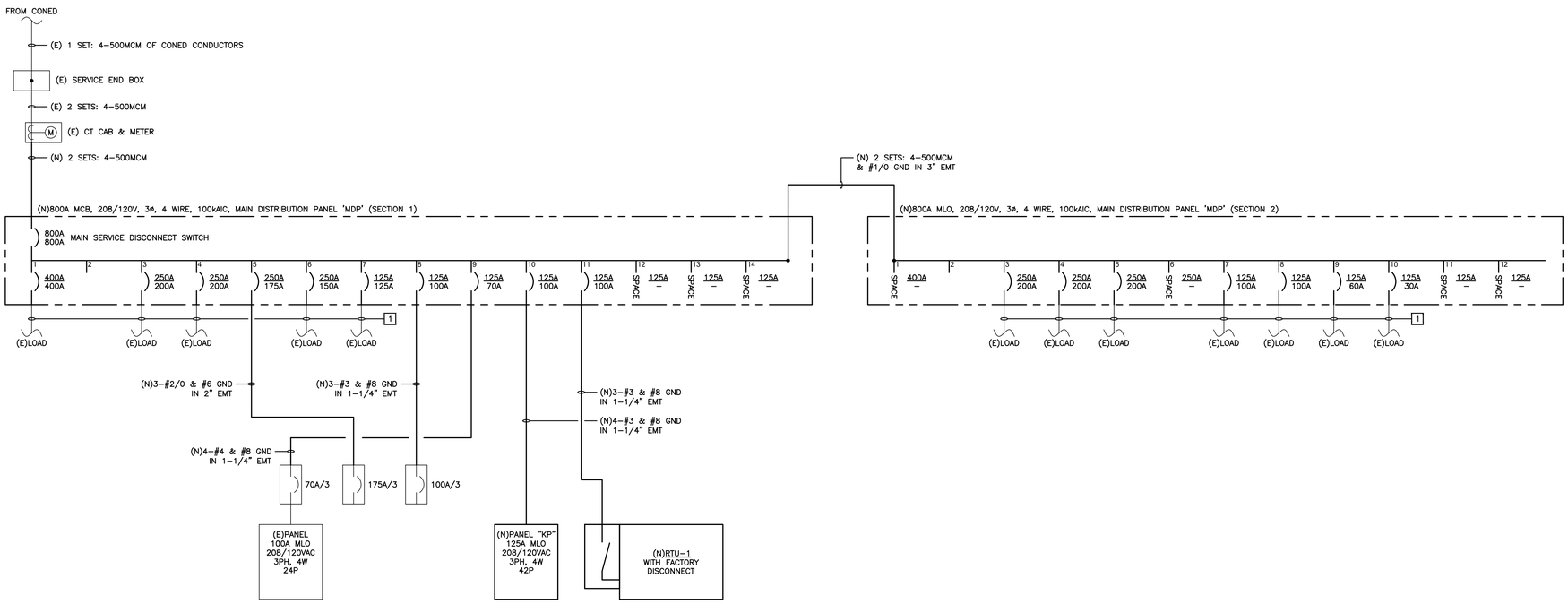
2. CONTRACTOR SHALL DEMOLISH EXISTING PANELBOARDS EDS–1 AND EDS–2. CONTRACTOR SHALL RETAIN ALL FEEDERS AND BRANCH CIRCUITS CONNECTED TO EDS–1 AND EDS–2 FOR RECONNECTION TO NEW MAIN DISTRIBUTION PANEL MDP.

CODED NOTES:

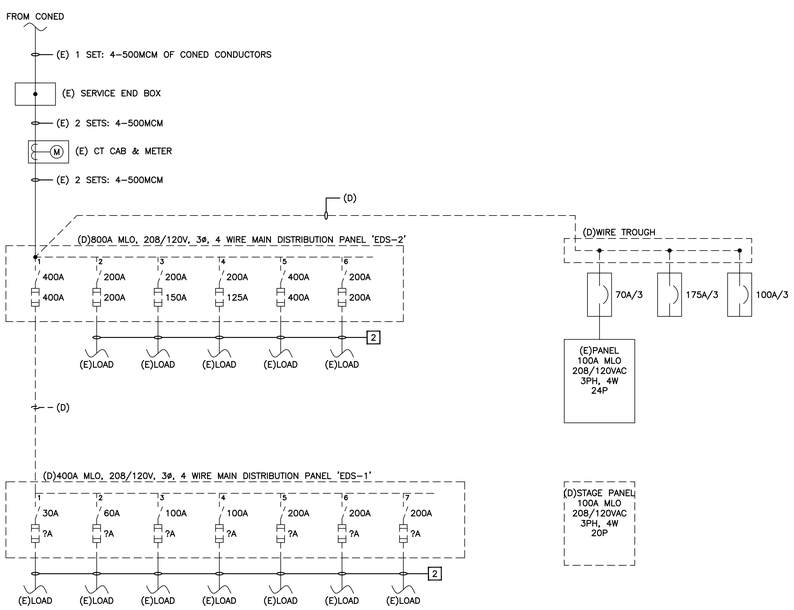
[1] RECONNECT EXISTING CONDUCTORS TO NEW MDP. CONTRACTOR SHALL VERIFY CIRCUIT BREAKER TRIP RATINGS MATCH THE FUSE RATING PREVIOUSLY PROTECTING THE CONDUCTORS.

[2] DISCONNECT EXISTING CONDUCTORS AND RETAIN FOR RECONNECTION TO NEW MPD. CONTRACTOR SHALL VERIFY CIRCUIT BREAKER TRIP RATINGS MATCH THE FUSE RATING PREVIOUSLY PROTECTING THE CONDUCTORS.

New Part One Line Diagram



Existing Part One Line Diagram



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S.E.D. CONTROL NUMBER:
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66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
SITE IMPROVEMENTS AND RELATED WORK
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
ELECTRICAL ONE LINE DIAGRAM

DATE	ISSUED TO
1-06-2023	BID

SHEET SIZE: 30"x42"	DRAWING NO.: GVES E200
SCALE: AS NOTED	
DRAWN BY: LFG	FILE NO.: 21434.01

PLOT DATE: December 21, 2022 - 3:53pm

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NEW MAIN DISTRIBUTION PANEL SCHEDULE "MDP" (SECTION 1)

PANEL: PANEL MDP | BUS: 800 AMP MAIN CIRCUIT BREAKER | VOLTAGE: 120/208V, 3PH, 4 WIRE
FEED: TOP FED | UNIT SPACE: 60" | DIMENSIONS: 90"H x 32"W x 12.75"D
MOUNTING/TRIM: SURFACE (DOOR-IN-DOOR) | SPEC: SIEMENS P5C90WN800ETS | AIC SYMM: 100,000

DESCRIPTION	WIRE	GRD.	COND.	FRAME	TRIP	CKT.	VA A PHASE	VA B PHASE	VA C PHASE	CKT.	TRIP	FRAME	COND.	GRD.	WIRE	DESCRIPTION
				8.75"			800A MAIN CIRCUIT BREAKER SERVICE RATED (8.75" UNIT SPACE)					8.75"				
(E) A.P.R. FEED				400A	400A		– –					400A				
				6.25"		1		– –		2		6.25"				400A C/B ONLY SINGLE MOUNT
									– –							
(E)BOILER 1 & 2				250A	200A		– –				250A					(E)LOAD ?
				5"		3		– –		4		250A 5"				
									– –							
(E)LOAD				250A	175A		– –				150A					(E)LOAD
				5"		5		– –		6		250A 5"				
									– –							
(E)LOAD				125A	125A		– –				100A					(E)LOAD
				3.75"		7		– –		8		125A 3.75"				
									– –							
(E)LOAD				125A	70A		– 7571				100A	125A	1-1/4"	8	3	(N)PANTRY PANEL "KP"
				3.75"		9		– 9338		10		3.75"				
									– 6520							
(N)CAFETERIA RTU	3	8	1-/14"	125A	100A		8760 –					125A				SPACE
				3.75"		11		8760 –		12		3.75"				
									8760 –							
SPACE				125A			– –					125A				SPACE
				3.75"		13		– –		14		3.75"				
									– –							
				17.5"			800A FEED THROUGH LUGS (17.5" UNIT SPACE)					17.5"				
							SUBTOTAL –	–	–							
				TOTAL CONNECTED LOAD			– va		– amps							
				TOTAL DESIGN LOAD			– va		– amps							
				125% TOTAL LOAD			– kva		– amps							

$\left(\frac{\text{XXX KVA}}{208\text{V} * \sqrt{3}}\right)$ = AMPERES

NEW MAIN DISTRIBUTION PANEL SCHEDULE "MDP" (SECTION 2)

PANEL: PANEL MDP | BUS: 800 AMP MAIN LUGS ONLY | VOLTAGE: 120/208V, 3PH, 4 WIRE
FEED: BOTTOM FED | UNIT SPACE: 30" | DIMENSIONS: 60"H x 32"W x 10"D
MOUNTING: SURFACE (DOOR-IN-DOOR) | SPEC: SIEMENS P5C60ML800EBS | AIC SYMM: 100,000

DESCRIPTION	WIRE	GRD.	COND.	FRAME	TRIP	CKT.	VA A PHASE	VA B PHASE	VA C PHASE	CKT.	TRIP	FRAME	COND.	GRD.	WIRE	DESCRIPTION
SPACE				400A			– –					–				
				6.25"		1		– –		2		6.25"				400A C/B ONLY SINGLE MOUNT
									– –							
(E)A-HALLWAY				250A	200A		– –				200A	250A				(E)BOILER RM PNL
				5"		3		– –		4		5"				
									– –							
(E)NURSE OFFICE/HALL LIGHTS				250A	200A		– –					250A				SPACE
				5"		5		– –		6		5"				
									– –							
(E)KINDERGARTEN OLD WING				125A	100A		– –				100A	125A				(E)LOAD ?
				3.75"		7		– –		8		3.75"				
									– –							
(E)CELLAR/BOILER RM LIGHTS				125A	60A		– –				30A	125A				(E)LOAD ?
				3.75"		9		– –		10		3.75"				
									– –							
SPACE				125A			– –					125A				SPACE
				3.75"		11		– –		12		3.75"				
									– –							
				0"			800A MAIN LUGS (0" UNIT SPACE)					0"				
							SUBTOTAL –	–	–							
				TOTAL CONNECTED LOAD			– va		– amps							
				TOTAL DESIGN LOAD			– va		– amps							
				125% TOTAL LOAD			– kva		– amps							

$\left(\frac{\text{XXX KVA}}{208\text{V} * \sqrt{3}}\right)$ = AMPERES

NEW PANTRY PANEL SCHEDULE "KP"

PANEL: "KP" | BUS: 125 AMP MAIN LUGS ONLY | VOLTAGE: 120/208V, 3PH, 4 WIRE
FEED: BOTTOM | POLES: 42 | DIMENSIONS: 20"W x 5.75"D
MOUNTING/TRIM: FLUSH (DOOR-IN-DOOR) | SPEC: SIEMENS P1C42ML125ABSN | AIC SYMM: 22,000

DESCRIPTION	WIRE	GRD.	COND.	TRIP	CKT.	VA A PHASE	VA B PHASE	VA C PHASE	CKT.	TRIP	COND.	GRD.	WIRE	DESCRIPTION
FLRBOX-HOT FOOD COUNTER 4	10	10	1/2"	25A	1	1997 264			2	20A	1/2"	12	12	FLRBOX-MILK COOLER 4
					3		1997 756		4	20A	1/2"	12	12	FLRBOX-COLD FOOD COUNTER 4
RCPT-WARM HOLDING CABINET 4	12	12	1/2"	20A	5			1500 1500	6	20A	1/2"	12	12	FLRBOX-FLAT TOP COUNTER 4
RCPT-WARM HOLDING CABINET 4	12	12	1/2"	20A	7	1500 180			8	20A	1/2"	12	12	FLRBOX-SPARE 4
RCPT-WARM HOLDING CABINET 4	12	12	1/2"	20A	9		1500 1500		10	20A	1/2"	12	12	FLRBOX-CASHIER COUNTER 4
RCPT-REFRIGERATED CABINET 4	12	12	1/2"	20A	11			1500 180	12	20A	1/2"	12	12	FLRBOX-SPARE 4
RCPT-REFRIGERATED CABINET 4	12	12	1/2"	20A	13	1500 180			14	20A	1/2"	12	12	FLRBOX-SPARE 4
RCPT-REFRIGERATED CABINET 4	12	12	1/2"	20A	15		1500 1500		16	20A	1/2"	12	12	RCPT-COUNTER 4
RCPT-CONV. 4	12	12	1/2"	20A	17			360 1500	18	20A	1/2"	12	12	RCPT-COUNTER 4
KITCHEN EXHAUST FAN	12	12	1/2"	20A	19	528 1425			20	20A	1/2"	12	12	LTG-CAFETERIA NORTH
RCPT-ROOF MECH.	12	12	1/2"	20A	21		360 585		22	20A	1/2"	12	12	LTG-CAFETERIA SOUTH
ELEC. DOOR HARDWARE	12	12	1/2"	20A	23			20 20	24	20A	1/2"	12	12	CAFETERIA EXIT SIGNS 2
SPARE				20A	25	– –			26	20A				SPARE
SPARE				20A	27		– –		28	20A				SPARE
SPARE				20A	29			– –	30	20A				SPARE
SPARE				20A	31	– –			32	20A				SPARE
SPARE				20A	33		– –		34	20A				SPARE
SPARE				20A	35			– –	36	20A				SPARE
SPARE				20A	37	– –			38	20A				SPARE
SPARE				20A	39		– –		40	20A				SPARE
SPARE				20A	41			– –	42	20A				SPARE
						SUBTOTAL	7574	9698	6580					
				TOTAL CONNECTED LOAD			23852 va		66 amps					
				TOTAL DESIGN LOAD			23852 va		66 amps					
				125% TOTAL LOAD			– kva		– amps					

$\left(\frac{\text{XXX KVA}}{208\text{V} * \sqrt{3}}\right)$ = AMPERES

KEYED NOTES:
1. PROVIDE HACR TYPE CIRCUIT BREAKERS
2. PROVIDE LOCKING CLIPS
3. VERIFY POWER REQUIREMENTS FOR ACTUAL EQUIPMENT BEFORE INSTALLATION.
4. PROVIDE GFI CIRCUIT BREAKER.
5. CIRCUIT CONTROLLED VIA TIMECLOCK

FLOORBOX SCHEDULE

TAG	DESCRIPTION	EQUIVALENT MANUFACTURERS AND CATALOG NUMBER	REMARKS
F2	2 GANG FLOOR BOX, RECTANGULAR BRUSHED ALUMINUM COVER, WITH TWO TAMPER RESISTANT SIMPLEX RECEPTACLES.	HUBBELL WIRING DEVICE-KELLEMS SYSTEMONE BOX: CFB2G30 COVER: 24GTCVRALU DEVICE PLATES: (2) FBMP139 DEVICES: (2) HBL5361BK	CONTRACTOR SHALL LABEL EACH RECEPTACLE. LABEL SHALL CONTAIN PANEL, CIRCUIT NUMBER, AND EQUIPMENT SERVED.
F10	10 GANG FLOOR BOX, RECTANGULAR BRUSHED ALUMINUM COVER, WITH ONE NEMA 6-30R RECEPTACLE, THREE TAMPER RESISTANT SIMPLEX RECEPTACLES, AND ONE GANG FOR DATA.	HUBBELL WIRING DEVICE-KELLEMS SYSTEMONE BOX: CFB10G55 COVER: 610GTCVRALU DEVICE PLATES: (1) FB10MP3GAPP, (1) FB10TLZ, (1) FB10MPKEY, (1) FB10MPBNK DEVICES: (1) HBL9330, (3) HBL5361BK	CONTRACTOR SHALL LABEL EACH RECEPTACLE. LABEL SHALL CONTAIN PANEL, CIRCUIT NUMBER, AND EQUIPMENT SERVED.

LOAD SUMMARY:

LOADS:

DESCRIPTION	POWER	SOURCE
EXISTING BUILDING	118,222kVA	07/2019-06/2021 UTILITY BILL PEAK DEMAND (106,400kW AT ESTIMATED 0.9PF = 118,222kVA)
(N)RTU-1	026,280kVA	MECHANICAL SCHEDULES/PANEL SCHEDULE
(N)PANTRY PANEL "KP"	023,852kVA	PANTRY PANEL "KP" SCHEDULE
TOTAL CONNECTED LOAD:	168,354kVA	
TOTAL DESIGN LOAD:	174,924kVA	

TOTAL CURRENT: 486A LOAD < 800A SERVICE SIZE (CALCULATED AT 208Y/120VAC, 3PH, 4W)

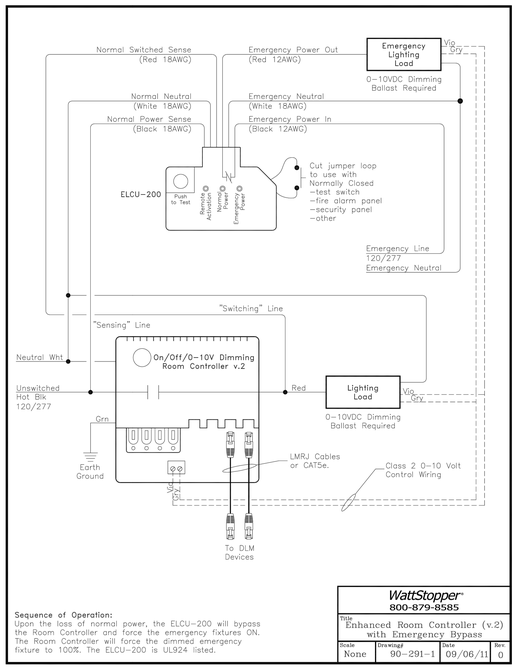
LIGHTING FIXTURE SCHEDULE

TAG	SYMBOL	DESCRIPTION	EQUIVALENT MANUFACTURERS AND CATALOG NUMBER	MOUNTING OR LAMPS	QUANTITY	REMARKS
A	A	2'x2' LED TROFFER 0-10V DIMMING	WILLIAMS AT1 AT1-2-2-L40-8-35-D-DIM-UNV	34.2W 3500K	*	
A-EM	A EM	2'x2' LED TROFFER WITH INTEGRAL EMERGENCY BATTERY 0-10V DIMMING	WILLIAMS AT1 AT1-2-2-L40-8-35-D-EM/10W-DIM-UNV	34.2W 3500K	*	WIRE EMERGENCY BATTERY AHEAD OF LOCAL SWITCHING
B	B	2'x4' LED TROFFER 0-10V DIMMING	WILLIAMS AT1 AT1-2-4-L40-8-35-D-EM/10W-DIM-UNV	37.2W 3500K	*	
B-EM	B EM	2'x4' LED TROFFER WITH INTEGRAL EMERGENCY BATTERY 0-10V DIMMING	WILLIAMS AT1 AT1-2-4-L40-8-35-D-EM/10W-DIM-UNV	37.2W 3500K	*	WIRE EMERGENCY BATTERY AHEAD OF LOCAL SWITCHING
C	C	RECESSED CAN LIGHT FIXTURE 0-10V DIMMING	USAI LIGHTING B4RDF-16C3-35KS-50-SF-WH-FT-UNV	16W 3500K	*	
C-EM	EM C	RECESSED CAN LIGHT FIXTURE WITH INTEGRAL EMERGENCY BATTERY 0-10V DIMMING	USAI LIGHTING B4RDF-16C3-35KS-50-SF-WH-FT-UNV-D6E	16W 3500K	*	WIRE EMERGENCY BATTERY AHEAD OF LOCAL SWITCHING
D-EM	EM D	EXTERIOR EGRESS FIXTURE WITH INTEGRAL EMERGENCY BATTERY 0-10V DIMMING	LUMINAIRE LED AEL AEL-24-MIN1-30W-40K-MVOLT-DP-SVH -EMB310-PC	30W 4000K	1	WIRE EMERGENCY BATTERY AHEAD OF LOCAL SWITCHING
EXIT	EXIT	EXIT SIGN WITH WHICH FACE AND GREEN LETTERS WITH SELF DIAGNOSTICS	LITHONIA LIGHTING LQM S W 3 G MVOLT EL N SD	5W LED MAX GREEN	**	

NOTE: * - FINAL QUANTITIES PER PLANS

LIGHTING CONTROL SCHEDULE

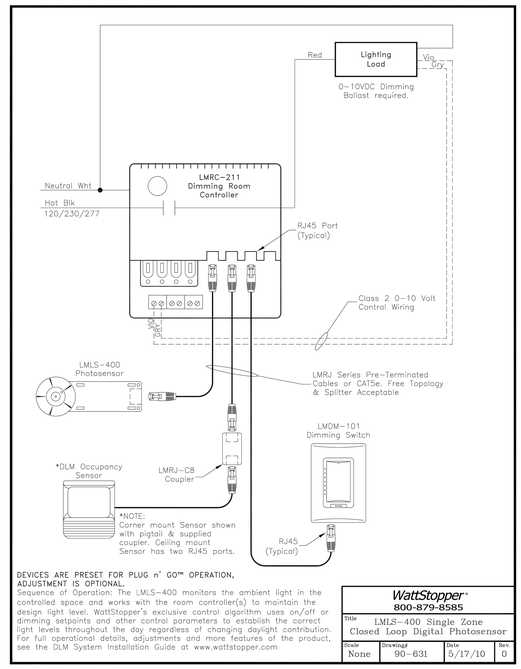
SYMBOL	DESCRIPTION	EQUIVALENT MANUFACTURERS AND CATALOG NUMBER	QUANTITY
212 ZONE(S)	2 RELAY ROOM CONTROLLER 0-10V DIMMING 120V 20A	WATTSTOPPER DLM LMRC-212	6
111 ZONE(S)	1 RELAY ROOM CONTROLLER 0-10V DIMMING 120V 10A	WATTSTOPPER DLM LMRC-111	2
	CEILING MOUNT DUAL TECH OCCUPANCY SENSOR	WATTSTOPPER DLM LMDC-100	14
400 ZONE	DIGITAL SINGLE ZONE ON/OFF AND DIMMING CLOSED LOOP PHOTOSENSOR	WATTSTOPPER DLM LMLS-400	4
D ZONE(S)	1-BUTTON DIMMING WALL SWITCH WHITE	WATTSTOPPER DLM LMDM-101-W	7
S ZONE(S)	DIGITAL 5-BUTTON SCENE SWITCH	WATTSTOPPER DLM LMSW-105-W	1
LMZC	ZONE CONTROLLER	WATTSTOPPER DLM LMZC-301	1
ELCU ZONE -200	EMERGENCY LIGHTING CONTROL UNIT UL924	WATTSTOPPER DLM ELCU-200	7



Sequence of Operation:
Upon the loss of normal power, the ELCU-200 will bypass the Room Controller and force the emergency fixtures ON. The Room Controller will force the dimmed emergency fixture to 100%. The ELCU-200 is UL924 listed.

WattStopper® 800-879-8585

Title: Enhanced Room Controller (v.2) with Emergency Bypass
Scale: None | Drawing# 90-291-1 | Date 09/06/11 | Rev 0



DEVICES ARE PRESET FOR PLUG n' GO™ OPERATION, ADJUSTMENT IS OPTIONAL.
Sequence of Operation: The LMLS-400 monitors the ambient light in the controlled space and works with the room controller(s) to maintain the design light level. WattStopper's exclusive control algorithm uses on/off or dimming setpoints and other control parameters to establish the correct light levels throughout the day regardless of changing daylight contribution. For full operational details, adjustments and more features of the product, see the DLM System Installation Guide at www.wattstopper.com

WattStopper® 800-879-8585

Title: LMLS-400 Single Zone Closed Loop Digital Photosensor
Scale: None | Drawing# 90-631 | Date 5/17/10 | Rev 0

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S.E.D. CONTROL NUMBER:
GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE: EDGEMONT SCHOOL DISTRICT GREENVILLE ELEMENTARY SCHOOL CAFETERIA RENOVATION AND REPLACEMENT PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE: ELECTRICAL SCHEDULES, LOAD SUMMARY, AND WIRING DIAGRAMS

1-06-2023	BID
DATE	ISSUED TO

SHEET SIZE: 30"x42" | DRAWING NO.: GVES E300
SCALE: AS NOTED
DRAWN BY: LFG | FILE NO.: 21434.01

PLOT DATE: December 21, 2022 - 3:53pm

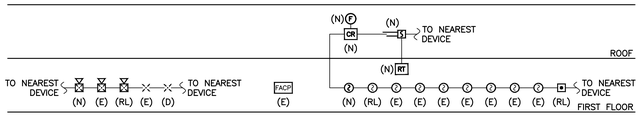
FILE: N:\Edgemont School District\Greenville Elementary\Cafeteria Reno\ACAD\Electrical\GV CAFE_E001_E100_E200.dwg

GENERAL NOTES

1. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND INSTALLING ALL NEW COMPATIBLE AND ADDRESSABLE FIRE ALARM DEVICES AND ASSOCIATED EQUIPMENT, CABLING AND CONDUIT TO EXISTING FIRE ALARM CONTROL PANEL FOR A FULLY COMPLETE AND OPERABLE SYSTEM.
2. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE BUILDING CODE OF NEW YORK STATE, THE ELECTRICAL CODE OF NEW YORK STATE AND REQUIREMENTS SET FORTH BY THE NEW AMERICANS WITH DISABILITIES ACT (A.D.A.).
3. THE PROPRIETARY BASE BUILDING FIRE ALARM VENDOR IS JOHNSON CONTROLS SIMPLEX GRINNELL.
4. COMPLETE INSTALLATION OF THE FIRE ALARM SYSTEM SHALL BE COORDINATED WITH THE BUILDING'S FIRE ALARM SYSTEM VENDOR. EXISTING DEVICES OUTSIDE INDICATED AREA OF WORK TO BE REPLACED OR UPGRADED AS NEEDED TO MEET CODE OR FUNCTIONAL REQUIREMENTS. CONTRACTOR TO VERIFY CAPACITY OF EXISTING FA PANELS AND PROVIDE EXPANSION HARDWARE IF NECESSARY.
5. THE ELECTRICAL CONTRACTOR MUST SUBMIT WIRING DIAGRAMS TO THE ENGINEER FOR ANY MODIFICATIONS TO THE FIRE ALARM SYSTEM.
6. THE ELECTRICAL CONTRACTORS BID SHALL INCLUDE PROGRAMMING AND TESTING BY THE BUILDING FA VENDOR.
7. ANY RELATED CONNECTION CHARGES AND PROGRAMMING CHARGES SHALL BE INCLUDED IN THE ELECTRICAL CONTRACTOR'S BID.
8. ALL 120V REQUIREMENTS FOR ADDITIONAL EQUIPMENT REQUIRED BY THE FA CONTRACTOR SHALL BE INCLUDED IN THE ELECTRICAL CONTRACTOR'S BID.
9. ELECTRICAL CONDUITS SHALL ENTER ONLY AT THE SIDES OR BOTTOM OF THE FIRE ALARM TERMINAL BOXES, CONTROL PANELS ETC, UNLESS DESIGNED AND APPROVED FOR ENTRY ON THE TOP.
10. ALL WIRING TYPES SHALL BE COORDINATED WITH THE BUILDING DEPARTMENT, SHALL BE APPROVED BY THE LOCAL FIRE DEPARTMENT AND ALL AUTHORITIES HAVING JURISDICTION.
11. ALL INTERIOR EXPOSED WIRING SHALL BE IN WIREMOLD IN FINISHED SPACES.
12. ALL EXTERIOR WIRING SHALL BE IN RIGID GALVANIZED STEEL CONDUIT. CONTRACTOR SHALL PROVIDE SLEEVE AND SEAL FOR ALL BUILDING PENETRATIONS.
13. DUCT DETECTOR FURNISHED BY ELECTRICAL CONTRACTOR. MECHANICAL CONTRACTOR IS RESPONSIBLE FOR INSTALLING SAMPLING TUBES & HOUSING. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR INSTALLING DETECTOR AND WIRING. CONTROL RELAYS FURNISHED & INSTALLED BY ELECTRICAL CONTRACTOR. COORDINATE WITH MECHANICAL CONTRACTOR.

FIRE ALARM LEGEND

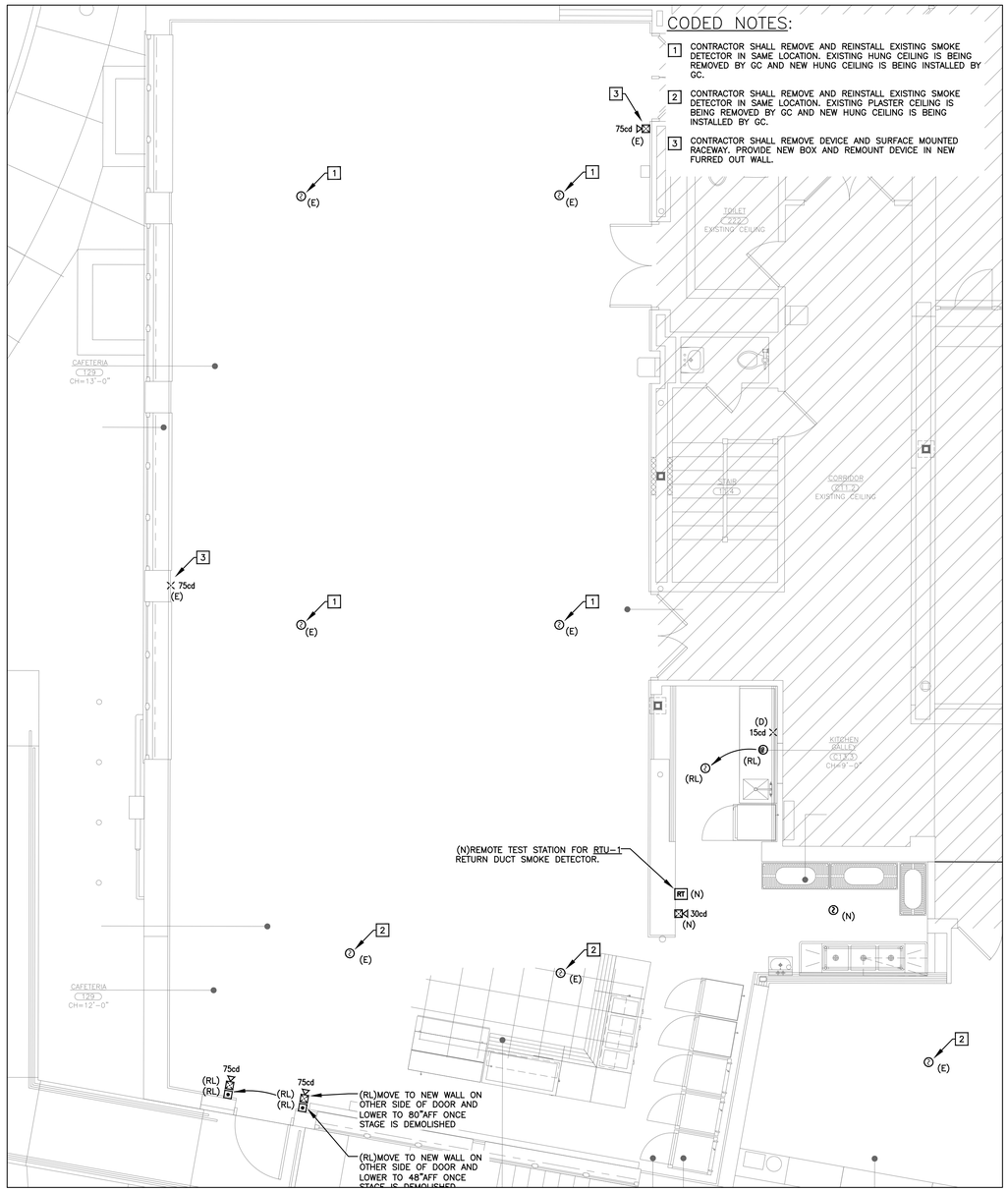
	DUCT SMOKE DETECTOR, WITH WEATHERPROOF ENCLOSURE
CR	CONTROL RELAY, WITHIN DUCT SMOKE DETECTOR ENCLOSURE
RT	REMOTE TEST STATION
FACP	FIRE ALARM CONTROL PANEL
F	FAN SHUTDOWN
2	SMOKE DETECTOR
	PULL STATION
	STROBE
	SPEAKER STROBE
(N)	NEW
(E)	EXISTING TO REMAIN
(RL)	RELOCATED EXISTING
(D)	REMOVE EXISTING



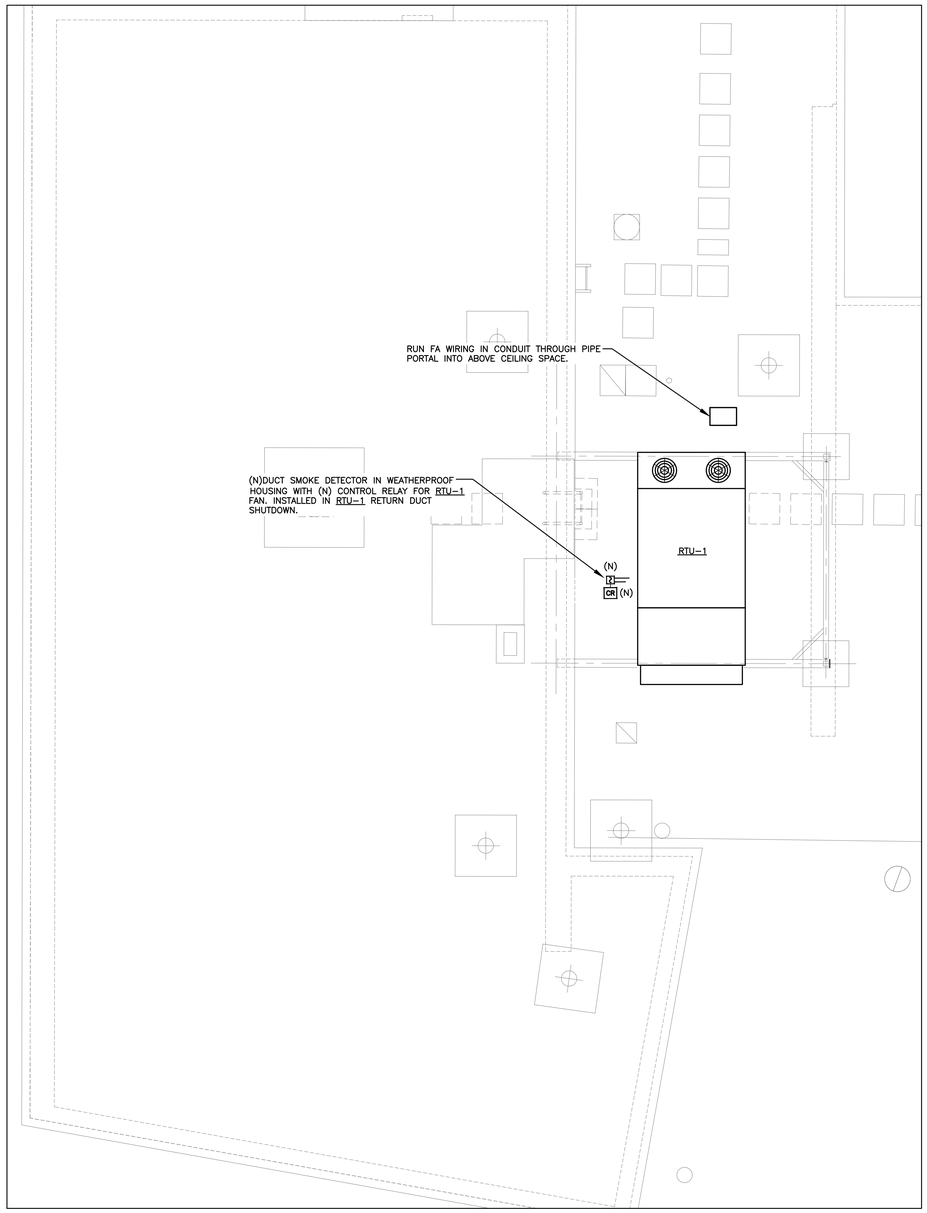
FIRE ALARM PART RISER DIAGRAM

		CONTROL UNIT ANNUNCIATOR						NOTIFICATION		REQUIRED FIRE SAFETY CONTROL		CENTRAL OFFICE NOTIFICATION			
		ACTIVATE COMMON ALARM SIGNAL INDICATOR (LED)	ACTIVATE AUDIBLE ALARM SIGNAL (BUZZER ON FCS)	ACTIVATE COMMON TROUBLE SIGNAL INDICATOR (LED)	ACTIVATE COMMON TROUBLE SIGNAL (BUZZER ON FCS)	ANNUNCIATE ALARM DEVICE (LCD DISPLAY)	ANNUNCIATE TROUBLE DEVICE (LCD DISPLAY)	ACTIVATE ALL FLOOR SPEAKERS	ACTIVATE ALL FLOOR STROBES	SHUT DOWN AC UNIT (OVER 2000 CFM)	ACTIVATE DOOR RELEASE	TRANSMIT SMOKE DETECTOR ALARM SIGNAL	TRANSMIT HEAT DETECTOR ALARM SIGNAL	TRANSMIT MANUAL ALARM SIGNAL	TRANSMIT TROUBLE SIGNAL
SYSTEM INPUTS		A	B	C	D	E	F	G	H	I	J	K	L	M	N
AREA SMOKE DETECTOR	1	X	X			X		X	X	X	X	X			
DUCT SMOKE DETECTOR	2	X	X			X		X	X	X	X	X			

FIRE ALARM SEQUENCE OF OPERATIONS



1 FIRST FLOOR FIRE ALARM PLAN
SCALE: 1/4" = 1'-0"



1 ROOF FIRE ALARM PLAN
SCALE: 1/4" = 1'-0"

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S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELEY PLACE ELEMENTARY SCHOOL
FIRE ALARM RENOVATION AND RELATED WORK
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
FIRE ALARM LEGEND, NOTES, PART RISER, SEQUENCE OF OPERATIONS, & PLAN

1-06-2023	BID
DATE	ISSUED TO
SHEET SIZE 30"x42"	DRAWING NO. GVES FA100
SCALE AS NOTED	
DRAWN BY LFG	FILE NO. 21434.01

PLOT DATE: December 21, 2022 - 3:57pm

FILE: N:\Edgemont School District\Greenville Elementary\Cafeteria Reno\ACAD\Electrical\GV CAFE_FA100.dwg

ELECTRICAL LEGEND

- DUPLEX RECEPTACLE
- DOUBLE-DUPLEX RECEPTACLE
- DEDICATED RECEPTACLE
- FLOORBOX, SEE FLOORBOX SCHEDULE
- LP/XX — HOMERUN
- JUNCTION BOX
- TEL/CABLE RECEPTACLE
- DATA RECEPTACLE
- 30A — LOCKABLE DISCONNECT SWITCH WITH RATINGS
- PANEL
- RECESSED PANEL
- EXISTING PANEL
- EXISTING RECESSED PANEL
- SWITCH
- SWITCH, 3-WAY
- SNAP SWITCH MOTOR STARTER, 20A, 277V, 2 POLE
- SWITCH, OCCUPANCY SENSOR
- SWITCH, VACANCY SENSOR
- SINGLE FACE EXIT SIGN, WITH DIRECTIONAL ARROWS
- DUAL FACE EXIT SIGN, WITH DIRECTIONAL ARROWS
- SINGLE FACE EXIT SIGN, WITH INTEGRAL EMERGENCY LIGHTS
- CONDUIT UP
- CONDUIT DOWN
- NEW
- EXISTING
- DEMOLISH

ABBREVIATIONS:

RMC	RIGID METAL CONDUIT
GRC	GALVANIZED RIGID STEEL CONDUIT (NEC RMC)
RGS	SEE GRC
IMC	INTERMEDIATE METAL CONDUIT
EMT	ELECTRICAL METAL TUBING
PVC	RIGID POLYVINYL CHLORIDE CONDUIT (SCHEDULE 40 U.N.O.)
FMC	FLEXIBLE METAL CONDUIT
LFMC	LIQUID TIGHT FLEXIBLE METAL CONDUIT
U.N.O.	UNLESS NOTED OTHERWISE
TYP.	TYPICAL
gfi	GROUND FAULT CIRCUIT INTERRUPTER TYPE
afi	ARC FAULT CIRCUIT INTERRUPTER TYPE
WP	WEATHER-PROOF WHILE IN USE TYPE
UP	CONDUIT UP
DN	CONDUIT DN
C	CONDUIT
N	NEUTRAL
G	GROUND
LF	LINEAR FEET
ARCH.	ARCHITECT
COORD.	COORDINATE
SCC	PROSPECTIVE SHORT CIRCUIT CURRENT
MCA	MINIMUM CIRCUIT AMPACITY
FLA	FULL LOAD AMPERES
RLA	RATED LOAD AMPERES
LRA	LOCKED ROTOR AMPERES
MOCP	MAXIMUM OVER CURRENT PROTECTION
RFS	RECOMMENDED FUSE SIZE
(N)	NEW
(E)	EXISTING TO REMAIN
(RL)	RELOCATE EXISTING
(R)	REPLACE EXISTING IN LOCATION
(D)	DEMOLISH EXISTING

GENERAL NOTES:

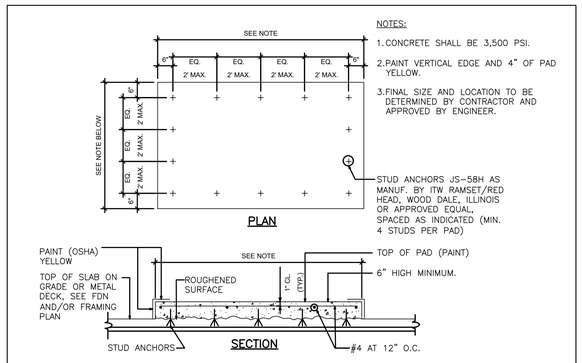
1. CONTRACTOR SHALL PERFORM ALL WORK IN STRICT COMPLIANCE TO ALL APPLICABLE CODES AS ADOPTED BY THE AUTHORITY HAVING JURISDICTION. INCLUDING BUT NOT LIMITED TO:
   - 2020 BUILDING CODE OF NEW YORK STATE
   - 2020 FIRE CODE OF NEW YORK STATE
   - 2020 EXISTING BUILDING CODE OF NEW YORK STATE
   - 2020 ENERGY CONSERVATION CODE OF NEW YORK STATE
   - 2017 NATIONAL ELECTRIC CODE (NFPA 70)
2. CONTRACTOR SHALL PULL ALL PERMITS, AND CAUSE ALL INSPECTIONS AND SIGN OFFS.

DEMOLITION NOTES:

1. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH MECHANICAL CONTRACTOR TO REMOVE BRANCH CIRCUITS BACK TO PANELBOARD FOR EACH DEMOLISHED MECHANICAL EQUIPMENT. ELECTRICAL CONTRACTOR SHALL TURN OFF AND MARK THE CIRCUIT BREAKER THAT THE DEMOLISHED BRANCH CIRCUIT USED AS SPARE IN EACH PLACE THAT CIRCUITS ARE LABELED.

DRAWING SCHEDULE

DRAWING NUMBER	DRAWING DESCRIPTION
SPES E001	ELECTRICAL LEGEND, NOTES, ABBREVIATIONS, KEY PLAN, & DRAWING SCHEDULE
SPES ER100	ELECTRICAL REMOVALS PLAN – LOWER LEVEL
SPES ER104	ELECTRICAL REMOVALS PLAN – ROOF
SPES E100	ELECTRICAL PLAN – LOWER LEVEL AND SUB-BASEMENT
SPES E101	ELECTRICAL PLAN – FIRST FLOOR
SPES E102	ELECTRICAL PLAN – SECOND FLOOR
SPES E103	ELECTRICAL PLAN – ATTIC
SPES E104	ELECTRICAL PLAN – ROOF
SPES E200	ELECTRICAL ONE LINE DIAGRAM & LOAD SUMMARY
SPES E300	ELECTRICAL SCHEDULES
SPES FA100	FIRE ALARM LEGEND, NOTES, PART RISER, SEQUENCE OF OPERATIONS, & PLAN



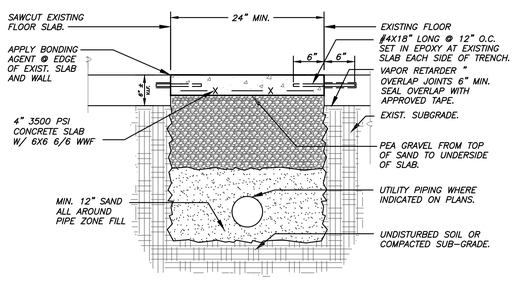
NOTES:

1. CONCRETE SHALL BE 3,500 PSI.
2. PAINT VERTICAL EDGE AND 4" OF PAD YELLOW.
3. FINAL SIZE AND LOCATION TO BE DETERMINED BY CONTRACTOR AND APPROVED BY ENGINEER.

STUD ANCHORS JS-58H AS MANUF. BY ITW RAMSET/RED HEAD, WOOD DALE, ILLINOIS OR APPROVED EQUAL,, SPACED AS INDICATED (MIN. 4 STUDS PER PAD)

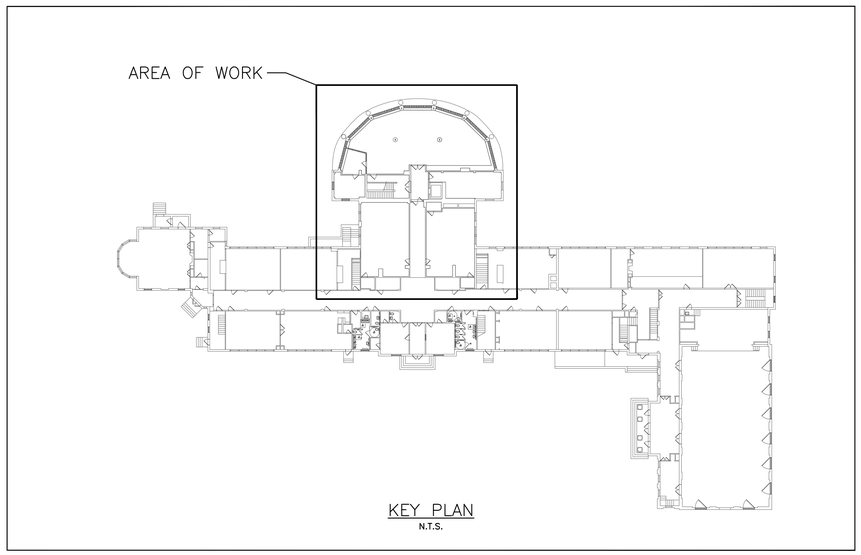
1 DETAIL - CONCRETE EQUIPMENT PAD

SCALE: N.T.S.



2 DETAIL - TYPICAL SLAB PATCH & UTILITY TRENCH

SCALE: N.T.S.



KEY PLAN

N.T.S.

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S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT/PHOTO
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELEY PLACE ELEMENTARY SCHOOL
CAFETERIA RENOVATIONS AND RELATED WORK
SEELEY PLACE ELEMENTARY SCHOOL
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
ELECTRICAL LEGEND, NOTES, ABBREVIATIONS, KEY PLAN, & DRAWING SCHEDULE

1-06-2023	BID
DATE	ISSUED TO

SHEET SIZE: 30"x42"	DRAWING NO.: SPES E001
SCALE: AS NOTED	
DRAWN BY: LFG	FILE NO.: 21434.01

PLOT DATE: December 21, 2022 - 4:15pm

FILE: N:\Edgemont School District\Seely Place Elementary Phase I\ACAD\Electrical\SPES_One Line Diagram.dwg

GENERAL NOTES:

1. ELECTRICAL CONTRACTOR RESPONSIBLE FOR REMOVING AND REINSTALLING CEILING TILE AND SUSPENSION SYSTEM AND ALL CEILING MOUNTED DEVICES. (TYPICAL)
2. DASHED WALLS ARE REMOVED BY GC.

REMOVAL NOTES:

(R1) ELECTRICAL CONTRACTOR SHALL REMOVE WIRING DEVICE AND CIRCUIT FOR ELECTRIC RANGE BACK TO PANEL.

(R2) ELECTRICAL CONTRACTOR SHALL REMOVE WIRING DEVICE AND CIRCUIT FOR DISHWASHER BACK TO PANEL.

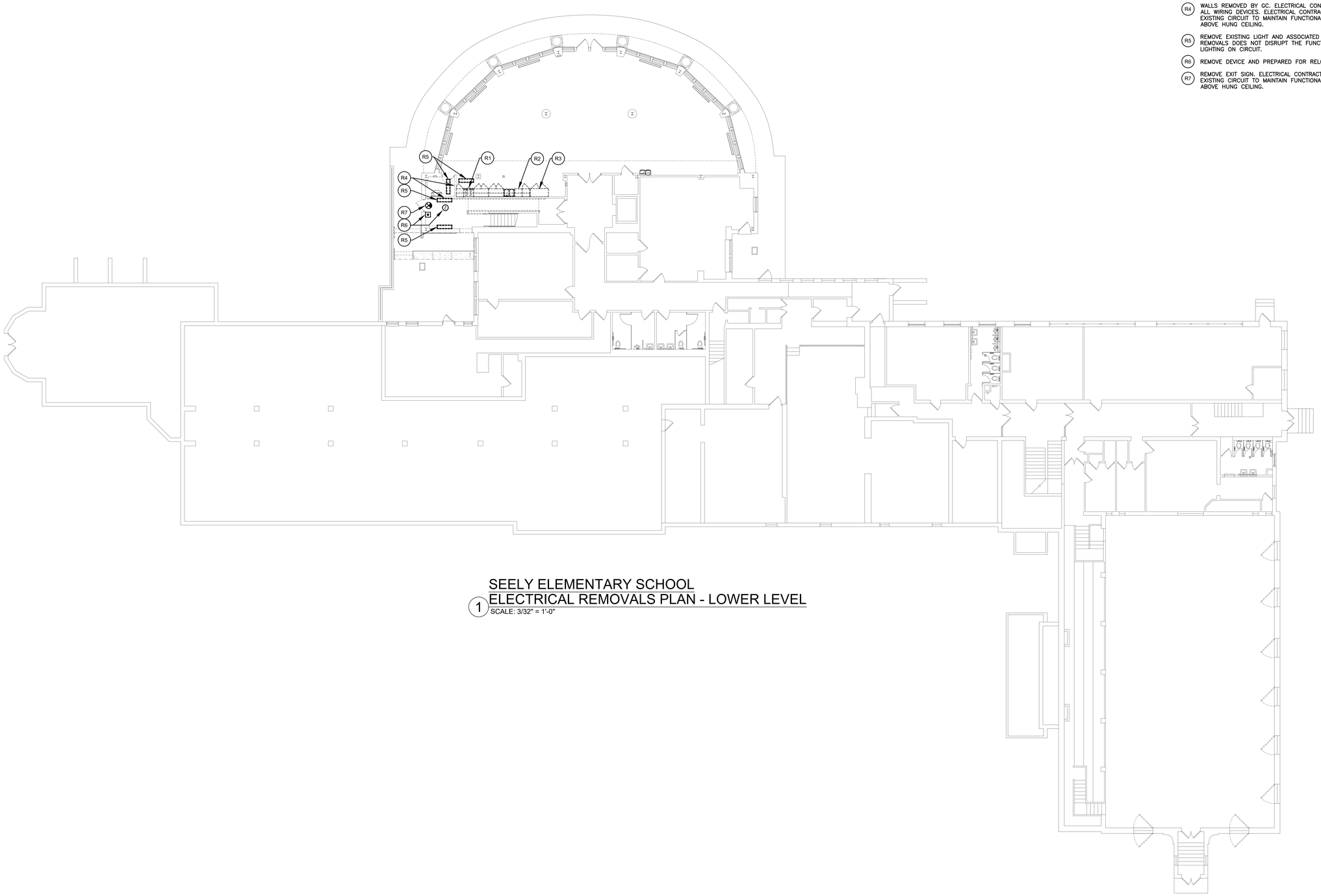
(R3) ELECTRICAL CONTRACTOR SHALL REMOVE WIRING DEVICE AND CIRCUIT FOR FOOD SERVICE EQUIPMENT BACK TO PANEL.

(R4) WALLS REMOVED BY GC. ELECTRICAL CONTRACTOR SHALL REMOVE ALL WIRING DEVICES. ELECTRICAL CONTRACTOR SHALL RECIRCUIT THE EXISTING CIRCUIT TO MAINTAIN FUNCTIONALITY. PLACE ALL SPLICES ABOVE HUNG CEILING.

(R5) REMOVE EXISTING LIGHT AND ASSOCIATED CONTROL DEVICES. ENSURE REMOVALS DOES NOT DISRUPT THE FUNCTIONALITY OF THE REMAINING LIGHTING ON CIRCUIT.

(R6) REMOVE DEVICE AND PREPARED FOR RELOCATION PER FA100.

(R7) REMOVE EXIT SIGN. ELECTRICAL CONTRACTOR SHALL RECIRCUIT THE EXISTING CIRCUIT TO MAINTAIN FUNCTIONALITY. PLACE ALL SPLICES ABOVE HUNG CEILING.



1 SEELY ELEMENTARY SCHOOL
ELECTRICAL REMOVALS PLAN - LOWER LEVEL
SCALE: 3/32" = 1'-0"

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(203) 866-8919 Fax

S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
ELECTRICAL RENOVATIONS AND RELATED WORK
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
BASEMENT ELECTRICAL REMOVALS PLAN

DATE	ISSUED TO
1-06-2023	BID

SHEET SIZE	30"x42"
SCALE	AS NOTED
DRAWN BY	LFG
DRAWING NO.	SPES ER100
FILE NO.	21434.01

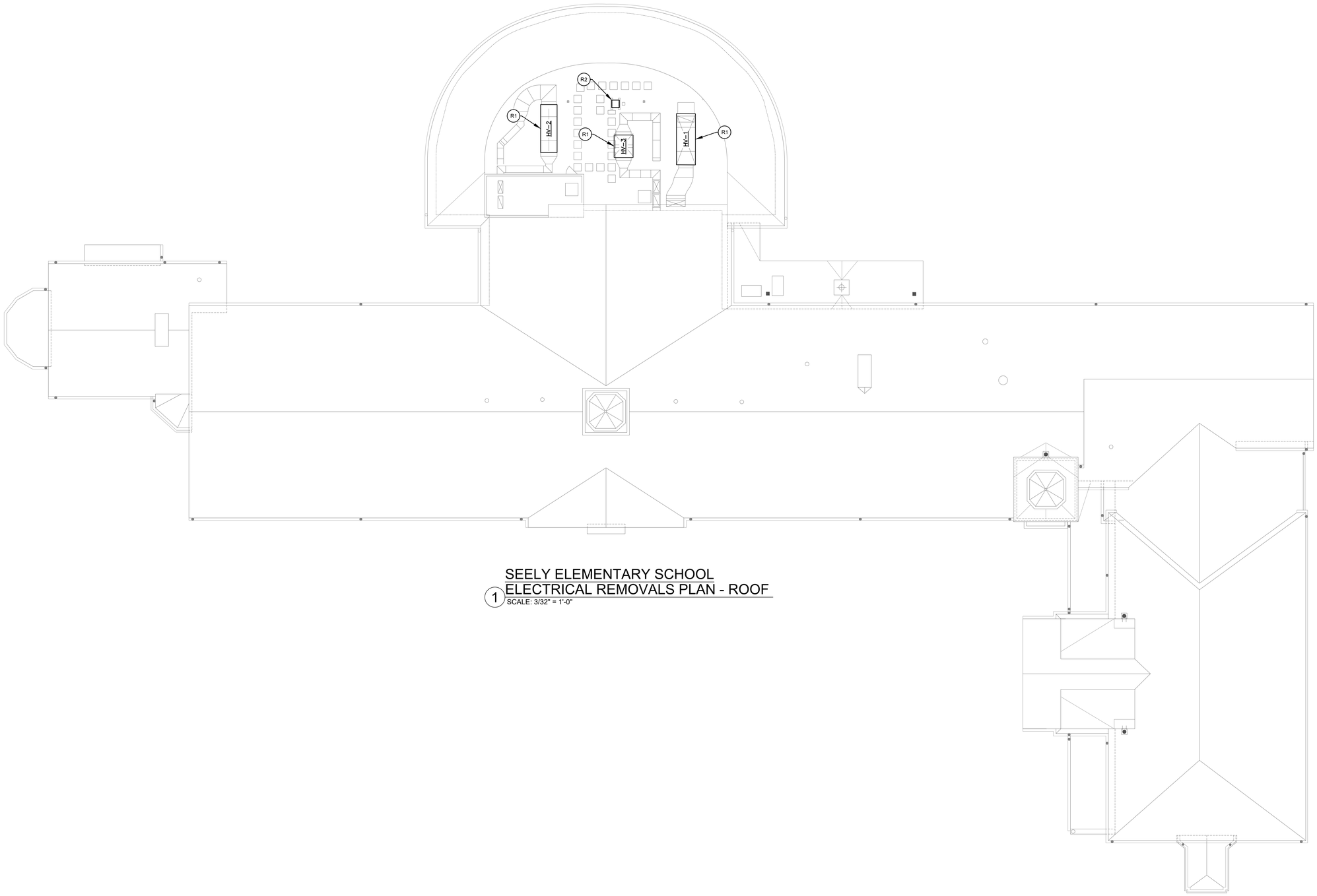
PLOT DATE: December 21, 2022 - 4:12pm

FILE: N:\Edgemont School District\Seely Place Elementary Phase I\ACAD\Electrical\SPES_Removals.dwg

REMOVAL NOTES:

(R1) ELECTRICAL CONTRACTOR SHALL REMOVE UNIT DISCONNECT AND CIRCUIT BACK TO PANEL "HVAC-1".

(R2) ELECTRICAL CONTRACTOR SHALL ASSIST MECHANICAL CONTRACTOR IN MOVING EXISTING CONDENSING UNIT. MOVE DISCONNECT AND CIRCUIT. RECIRCUIT FROM INTERIOR THROUGH NEW PIPE PORTAL, PROVIDE WIRING AND CONDUIT AS NEEDED.



SEELY ELEMENTARY SCHOOL
ELECTRICAL REMOVALS PLAN - ROOF

1 SCALE: 3/32" = 1'-0"

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S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
SELECTIVE DEMOLITION AND ASSOCIATED WORK
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
ROOF ELECTRICAL REMOVALS PLAN

DATE	ISSUED TO
1-06-2023	BID

SHEET SIZE: 30"x42"	DRAWING NO.: SPES ER104
SCALE: AS NOTED	
DRAWN BY: LFG	FILE NO.: 21434.01

PLOT DATE: December 21, 2022 - 4:13pm

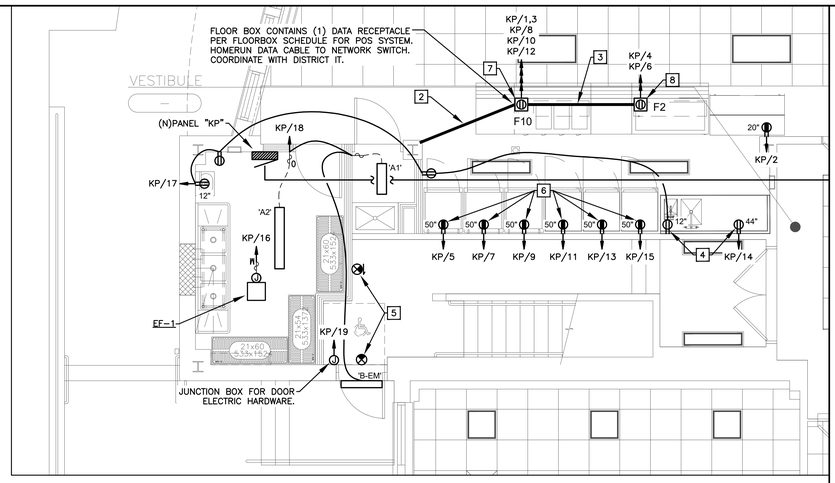
FILE: N:\Edgemont School District\Seely Place Elementary Phase I\ACAD\Electrical\SPES_Removals.dwg

GENERAL NOTES:

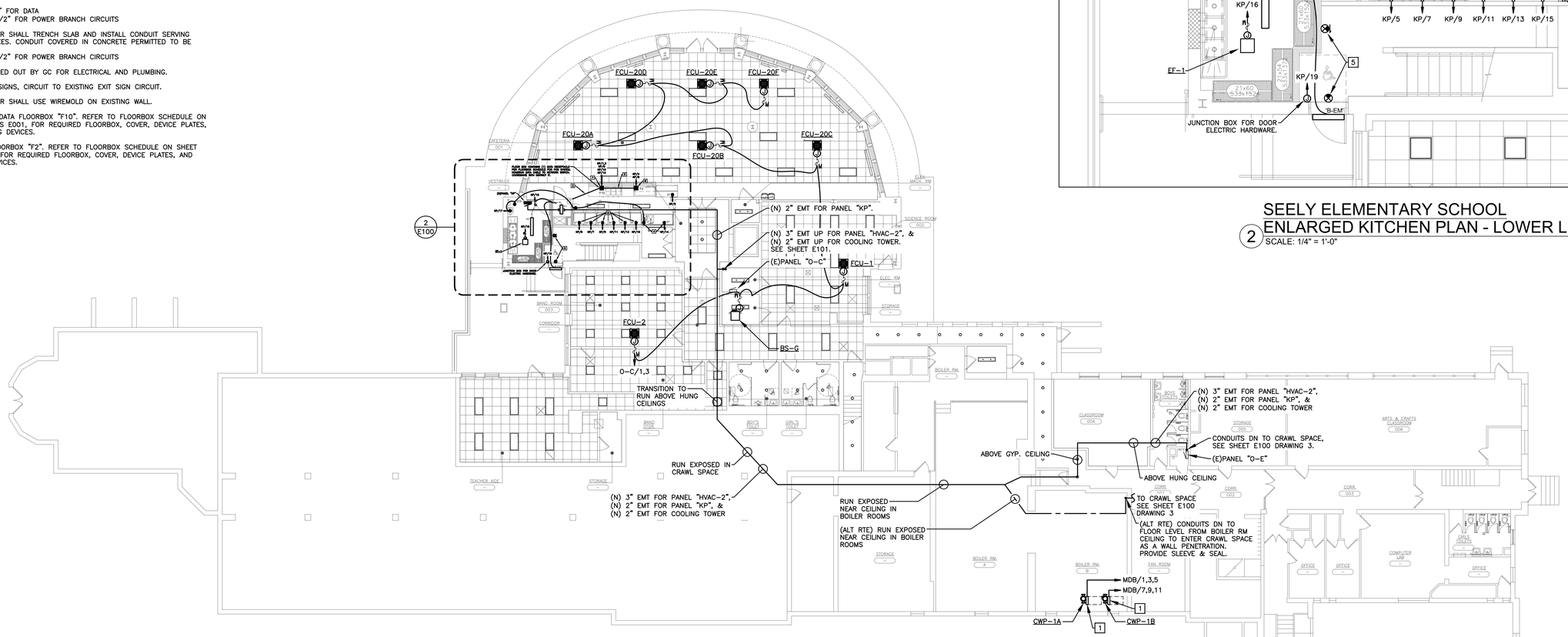
1. ELECTRICAL CONTRACTOR RESPONSIBLE FOR REMOVING AND REINSTALLING CEILING TILE AND SUSPENSION SYSTEM AND ALL CEILING MOUNTED DEVICES. (TYPICAL)
2. COORDINATE SLAB TRENCHING WITH GENERAL CONTRACTOR, STRUCTURAL ENGINEER AND ARCHITECT. RESTORE SLAB ONCE FLOOR BOX & CONDUIT INSTALLATION IS COMPLETE. REFER TO SLAB PATCH DETAIL 1 ON SHEET E001.

CODED NOTES:

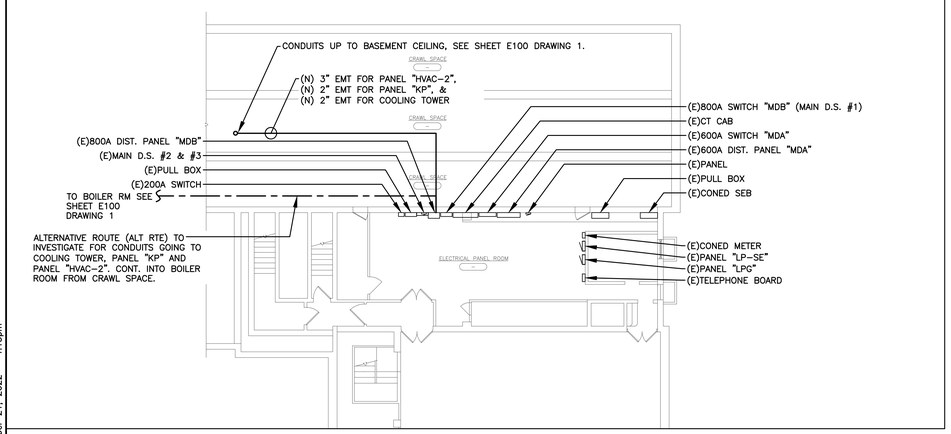
1. DISCONNECT SWITCH, VARIABLE FREQUENCY DRIVE, OR MOTOR STARTER FURNISHED BY MECHANICAL CONTRACTOR, INSTALLED & WIRED BY ELECTRICAL CONTRACTOR.
2. CONTRACTOR SHALL TRENCH SLAB AND INSTALL CONDUIT SERVING FLOOR BOXES. CONDUIT COVERED IN CONCRETE PERMITTED TO BE PVC.
   (1) 1" FOR DATA
   (6) 1/2" FOR POWER BRANCH CIRCUITS
3. CONTRACTOR SHALL TRENCH SLAB AND INSTALL CONDUIT SERVING FLOOR BOXES. CONDUIT COVERED IN CONCRETE PERMITTED TO BE PVC.
   (2) 1/2" FOR POWER BRANCH CIRCUITS
4. WALL FURRED OUT BY GC FOR ELECTRICAL AND PLUMBING.
5. NEW EXIT SIGNS, CIRCUIT TO EXISTING EXIT SIGN CIRCUIT.
6. CONTRACTOR SHALL USE WIREMOLD ON EXISTING WALL.
7. POWER & DATA FLOORBOX "F10", REFER TO FLOORBOX SCHEDULE ON SHEET SPES E001, FOR REQUIRED FLOORBOX, COVER, DEVICE PLATES, AND WIRING DEVICES.
8. POWER FLOORBOX "F2", REFER TO FLOORBOX SCHEDULE ON SHEET SPES E001FOR REQUIRED FLOORBOX, COVER, DEVICE PLATES, AND WIRING DEVICES.



SEELY ELEMENTARY SCHOOL
ENLARGED KITCHEN PLAN - LOWER LEVEL
2 SCALE: 1/4" = 1'-0"



SEELY ELEMENTARY SCHOOL
ELECTRICAL PLAN - LOWER LEVEL
1 SCALE: 3/32" = 1'-0"



SEELY ELEMENTARY SCHOOL
ELECTRICAL PLAN - SUB BASEMENT
3 SCALE: 3/32" = 1'-0"

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S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
ELECTRICAL DEVELOPMENT AND SPECIAL
SYSTEMS ALTERATIONS AND ADDITIONS
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
BASEMENT AND SUB-BASEMENT ELECTRICAL PLAN

DATE	ISSUED TO
1-06-2023	BID

SHEET SIZE	DRAWING NO.
30"x42"	SPES E100
SCALE: AS NOTED	
DRAWN BY: LFG	FILE NO.: 21434.01

PLOT DATE: December 21, 2022 - 4:13pm

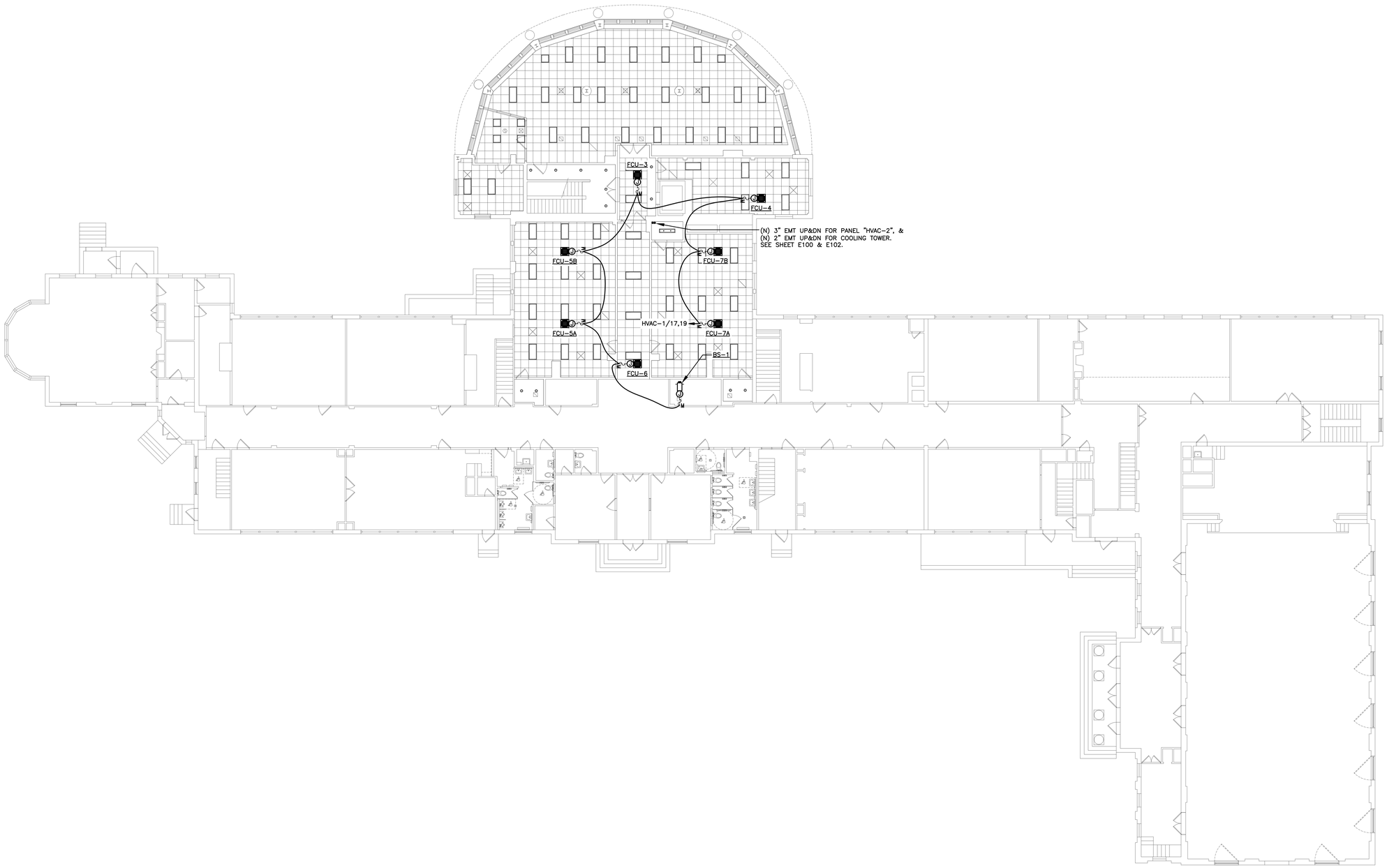
FILE: N:\Edgemont School District\Seely Place Elementary Phase I\ACAD\Electrical\SPES_Electrical.dwg

GENERAL NOTES:

1. ELECTRICAL CONTRACTOR RESPONSIBLE FOR REMOVING AND REINSTALLING CEILING TILE AND SUSPENSION SYSTEM AND ALL CEILING MOUNTED DEVICES. (TYPICAL)

CODED NOTES:

[1] DISCONNECT SWITCH, VARIABLE FREQUENCY DRIVE, OR MOTOR STARTER FURNISHED BY MECHANICAL CONTRACTOR, INSTALLED & WIRED BY ELECTRICAL CONTRACTOR.



SEELY ELEMENTARY SCHOOL
ELECTRICAL PLAN - FIRST FLOOR

1 SCALE: 3/32" = 1'-0"

0 2' 4' 8' 16'

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GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
ELECTRICAL DEMOLITION AND RELATED WORK
ELECTRICAL NEW WORK AND RELATED WORK
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
FIRST FLOOR ELECTRICAL PLAN

1-06-2023	BID
DATE	ISSUED TO
SHEET SIZE: 30"x42"	DRAWING NO.: SPES E101
SCALE: AS NOTED	
DRAWN BY: LFG	FILE NO.: 21434.01

PLOT DATE: December 21, 2022 - 4:14pm

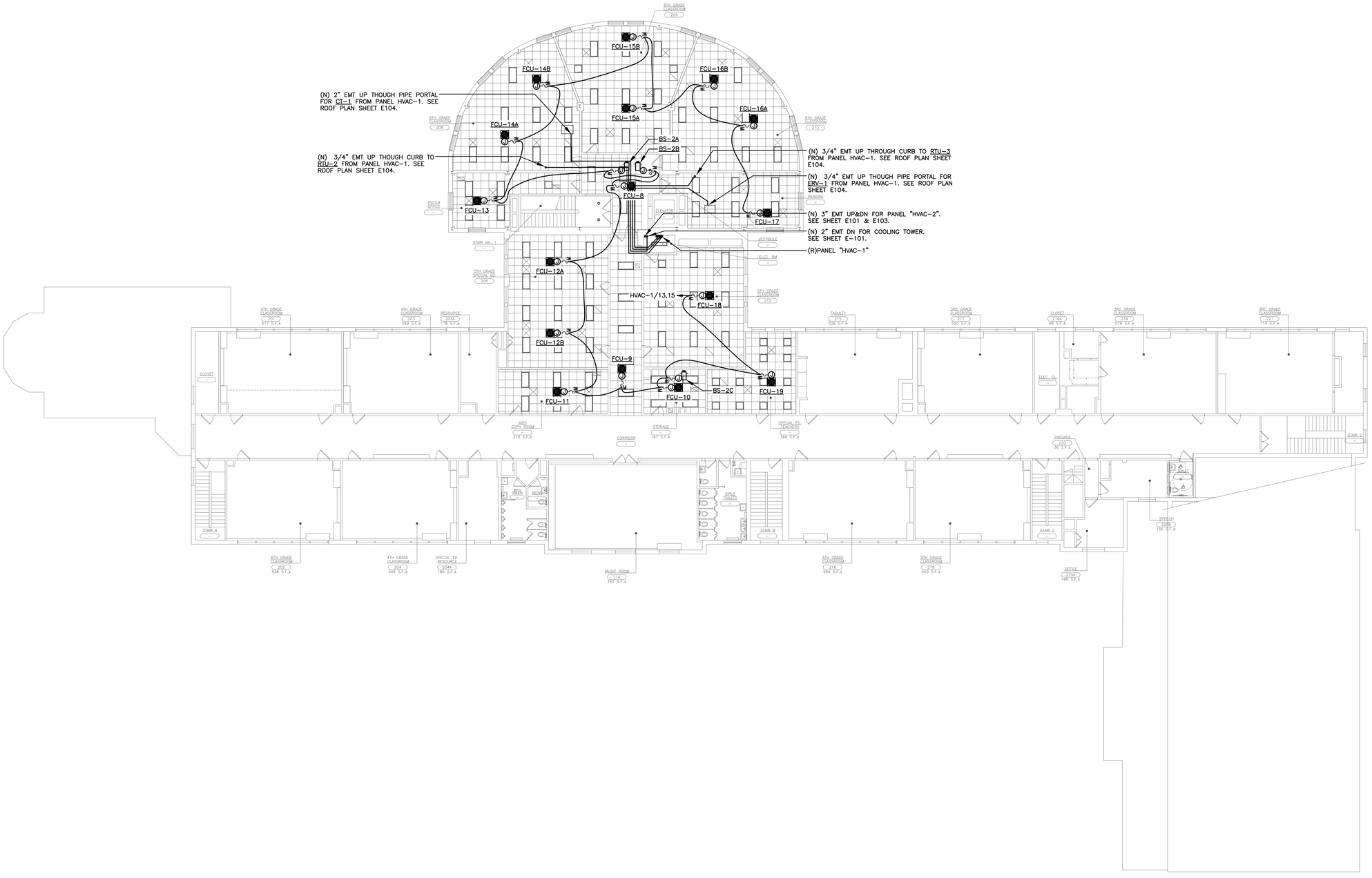
FILE: N:\Edgemont School District\Seely Place Elementary Phase I\ACAD\Electrical\SPES_Electrical.dwg

GENERAL NOTES:

1. ELECTRICAL CONTRACTOR RESPONSIBLE FOR REMOVING AND REINSTALLING CEILING TILE AND SUSPENSION SYSTEM AND ALL CEILING MOUNTED DEVICES. (TYPICAL)

CODED NOTES:

[1] DISCONNECT SWITCH, VARIABLE FREQUENCY DRIVE, OR MOTOR STARTER FURNISHED BY MECHANICAL CONTRACTOR, INSTALLED & WIRED BY ELECTRICAL CONTRACTOR.



SEELY ELEMENTARY SCHOOL
ELECTRICAL PLAN - SECOND FLOOR

1 SCALE: 3/32" = 1'-0"

0 2' 4' 8' 16'

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S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT/TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
RENOVATIONS AND RELATED WORK
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
SECOND FLOOR ELECTRICAL PLAN

DATE	ISSUED TO
1-06-2023	BID

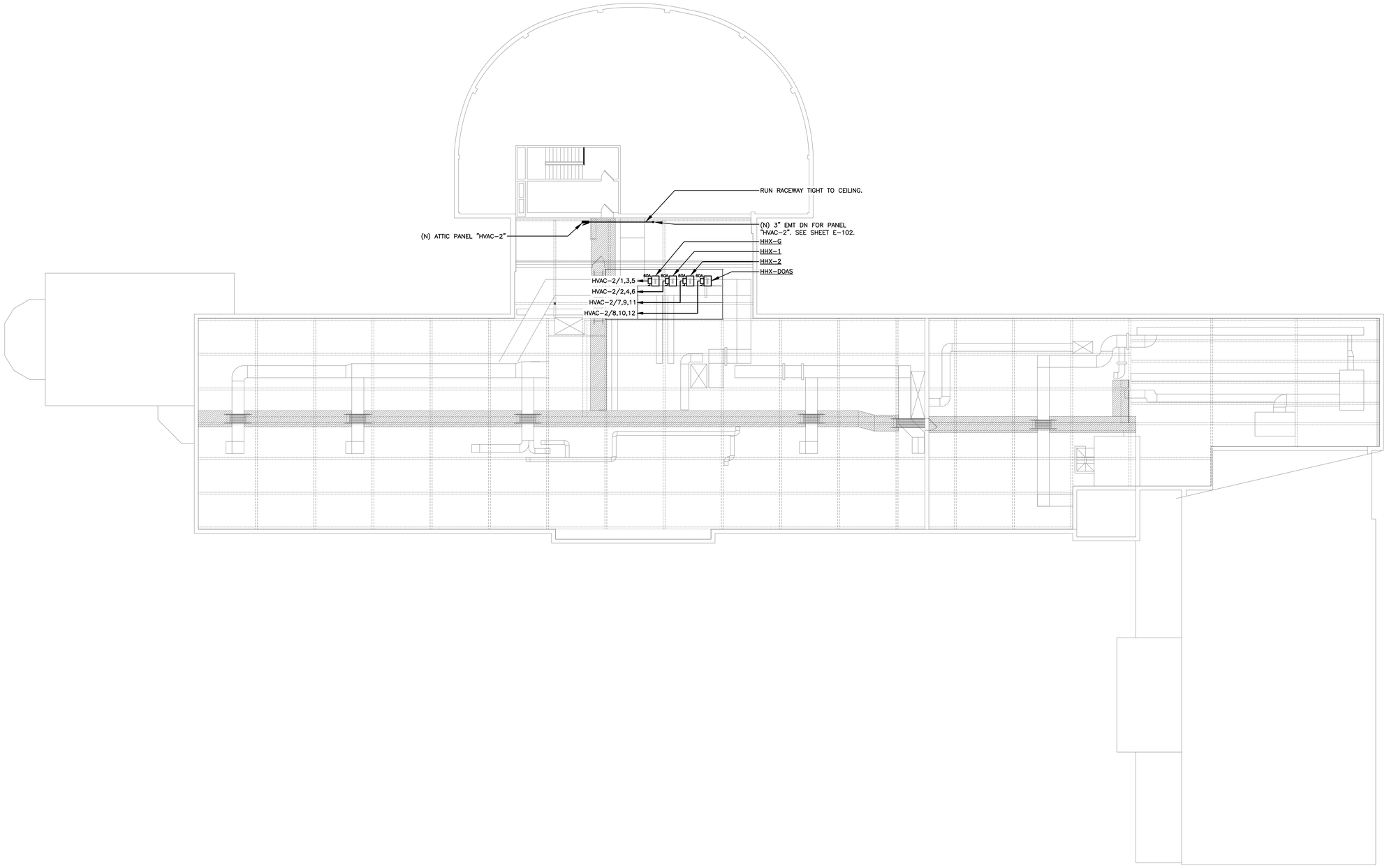
SHEET SIZE 30"x42"	DRAWING NO. SPES E102
SCALE AS NOTED	
DRAWN BY LFG	FILE NO. 21434.01

PLOT DATE: December 21, 2022 - 4:14pm

FILE: N:\Edgemont School District\Seely Place Elementary Phase I\ACAD\Electrical\SPES_Electrical.dwg

GENERAL NOTES:

1. ELECTRICAL CONTRACTOR RESPONSIBLE FOR REMOVING AND REINSTALLING CEILING TILE AND SUSPENSION SYSTEM AND ALL CEILING MOUNTED DEVICES. (TYPICAL)



SEELY ELEMENTARY SCHOOL
1 ELECTRICAL PLAN - ATTIC
SCALE: 3/32" = 1'-0"

0 2' 4' 8' 16'

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S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SELECTRIA REHABILITATION AND SELECTED WORK
SEELY PLACE ELEMENTARY SCHOOL
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
ATTIC ELECTRICAL PLAN

1-06-2023	BID
DATE	ISSUED TO

SHEET SIZE 30"x42"	DRAWING NO. SPES E103
SCALE AS NOTED	
DRAWN BY LFG	FILE NO. 21434.01

PLOT DATE: December 21, 2022 - 4:14pm

FILE: N:\Edgemont School District\Seely Place Elementary Phase I\ACAD\Electrical\SPES_Electrical.dwg

GENERAL NOTES:

1. ELECTRICAL CONTRACTOR RESPONSIBLE FOR REMOVING AND REINSTALLING CEILING TILE AND SUSPENSION SYSTEM AND ALL CEILING MOUNTED DEVICES. (TYPICAL)
2. ALL ROOF PENETRATIONS SHALL BE BY ROOFING CONTRACTOR.
3. ALL CONDUIT EXPOSED ON ROOF SHALL BE RIGID GALVANIZED STEEL U.N.O.. SUPPORT CONDUIT ABOVE ROOF LEVEL PER NEC.

CODED NOTES:

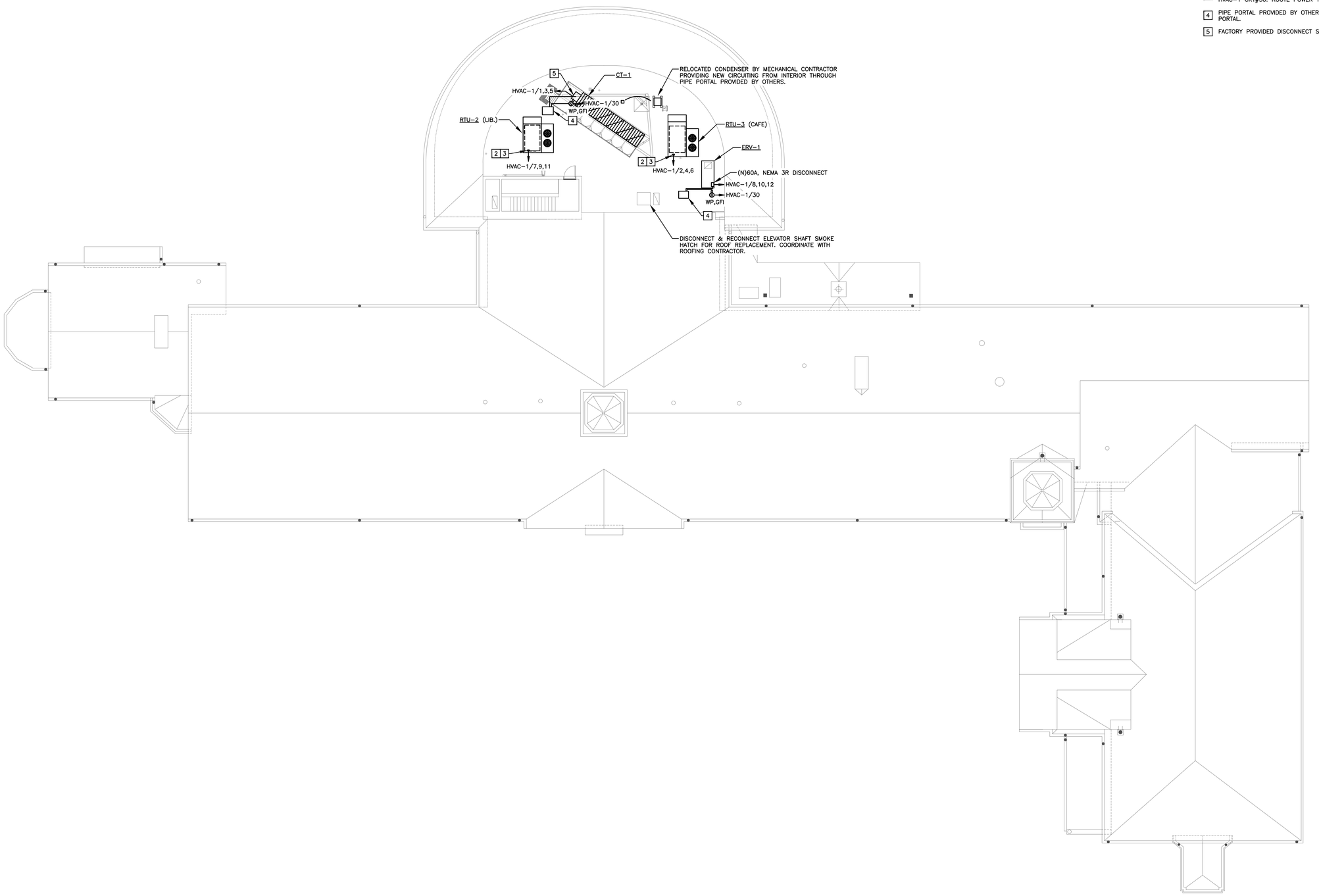
[1] UNUSED

[2] CONDUIT UP WITHIN CURB INTO EQUIPMENT. ELECTRICAL CONTRACTOR SHALL WIRE FACTORY FURNISHED NON-FUSED DISCONNECT SWITCH.

[3] CONTRACTOR SHALL WIRE GFCI RECEPTACLE ON UNIT TO PANEL HVAC-1 CKT#30. ROUTE POWER THROUGH CURB.

[4] PIPE PORTAL PROVIDED BY OTHERS, ROUTE CONDUIT THROUGH PIPE PORTAL.

[5] FACTORY PROVIDED DISCONNECT SWITCH.



SEELY ELEMENTARY SCHOOL
1 ELECTRICAL PLAN - ROOF
SCALE: 3/32" = 1'-0"

0 2' 4' 8' 16'

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S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
ADDITION AND RELATED WORK
SED # 66-04-06-03-0-008-021
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
ROOF ELECTRICAL PLAN

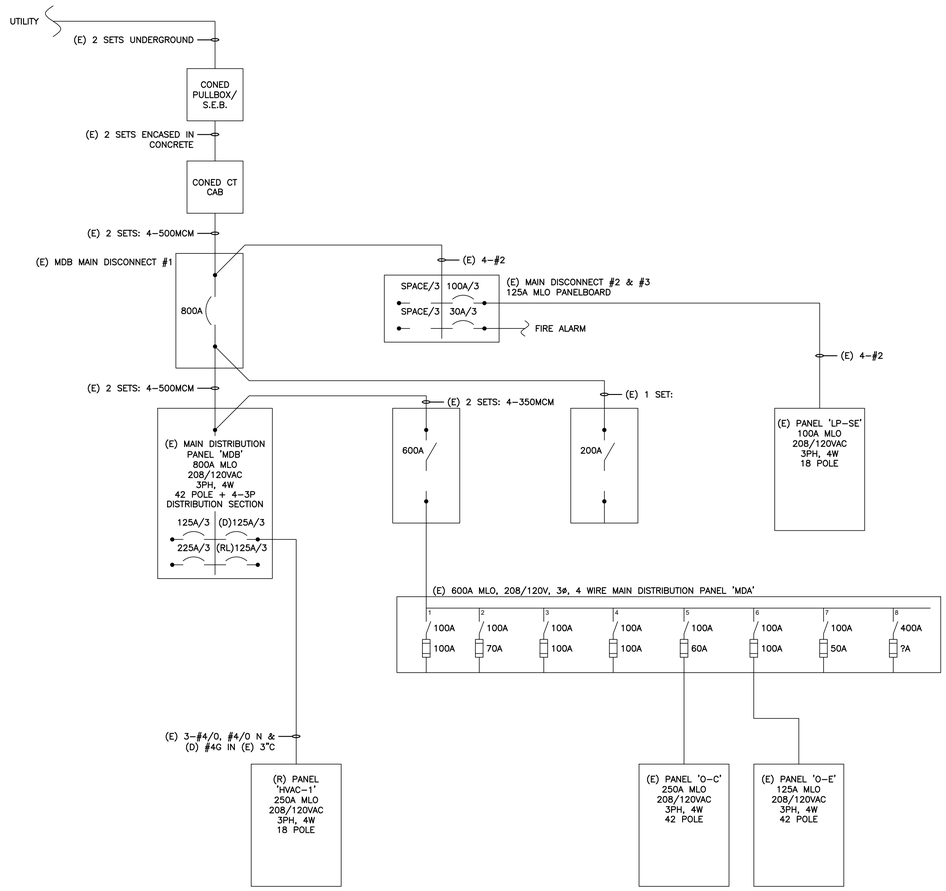
DATE	ISSUED TO
1-06-2023	BID

SHEET SIZE: 30"x42"
DRAWING NO.: SPES E104
SCALE: AS NOTED
DRAWN BY: LFG
FILE NO.: 21434.01

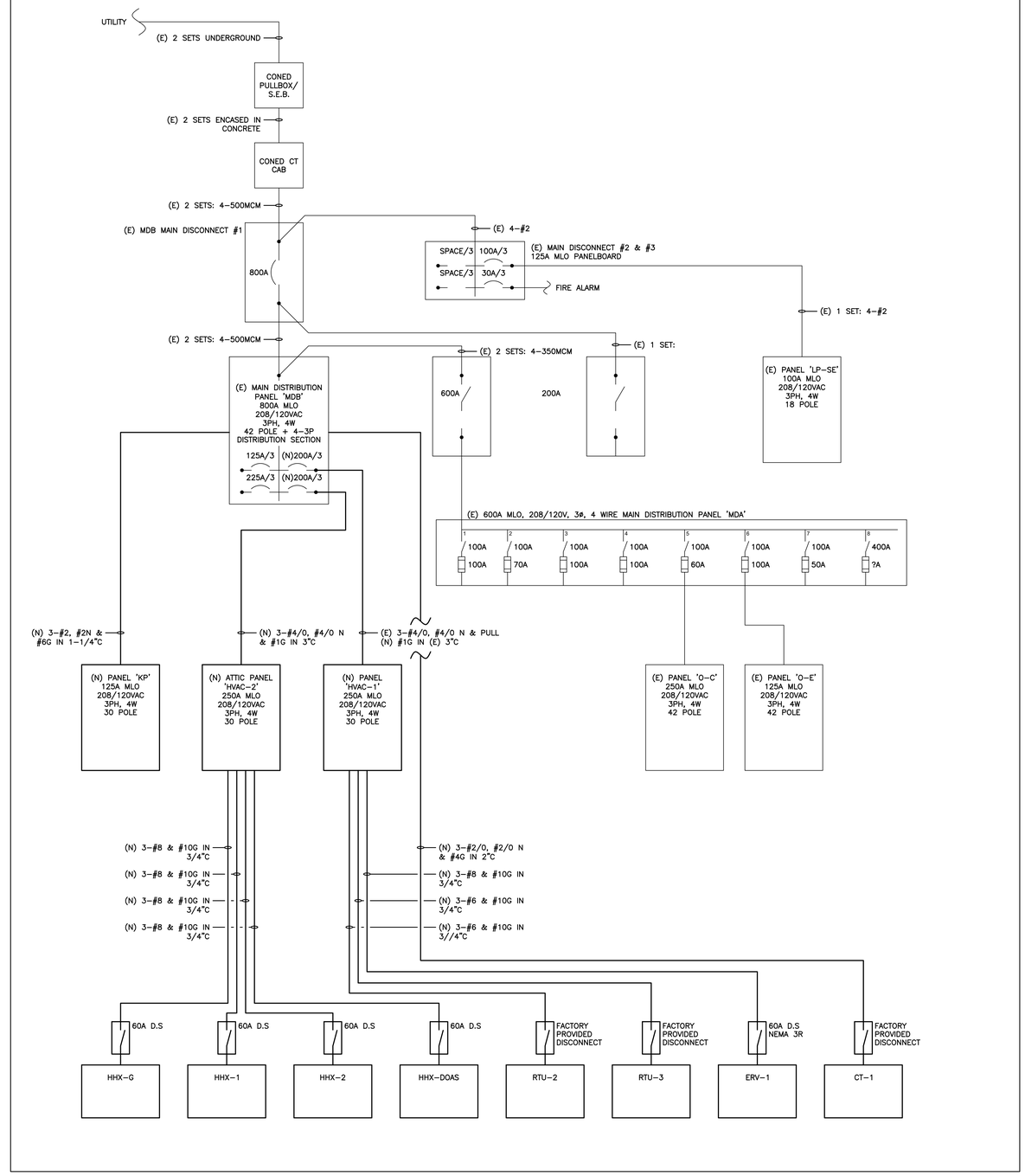
PLOT DATE: December 21, 2022 - 4:14pm

FILE: N:\Edgemont School District\Seely Place Elementary Phase I\ACAD\Electrical\SPES_Electrical.dwg

Existing One Line Diagram



New One Line Diagram



LOAD SUMMARY:

LOADS:

DESCRIPTION	POWER	NOTES
EXISTING BUILDING	+103,111kVA	07/2019–06/2021 UTILITY BILL PEAK DEMAND (92,800kW AT ESTIMATED 0.9PF = 103,111kVA)
(N)PANTRY PANEL "KP"	+020,235kVA	PANTRY PANEL "KP" SCHEDULE
(N)CT–1	+032,652kVA	
(N)RTU–2	+016,560kVA	
(N)RTU–3	+016,560kVA	
(N)ERV–1	+009,840kVA	
(N)HHX–G	+013,140kVA	
(N)HHX–1	+010,368kVA	
(N)HHX–2	+010,368kVA	
(N)HHX–DOAS	+016,056kVA	
(N)CWP–1A	+011,592kVA	CWP–1A & CWP–1B ARE NOT SIMULTANEOUS LOADS
(N)CWP–1B	+011,592kVA	CWP–1A & CWP–1B ARE NOT SIMULTANEOUS LOADS
(N)CASSETTES & BRANCH SELECTORS	+003,326kVA	
(D)HV–1	–021,600kVA	
(D)HV–2	–010,800kVA	
(D)HV–3	–005,400kVA	
(D)ELECTRIC RANGE	–008,000kVA	
(D)DISHWASHER	–000,800kVA	
(D)REFRIGERATOR	–000,500kVA	
(D)REFRIGERATOR	–000,500kA	
(D)HOOD EXHAUST	–000,300kA	
TOTAL CONNECTED LOAD:	227,500kVA	
TOTAL DESIGN LOAD:	256,723kVA	

TOTAL CURRENT: 713A LOAD < 800A SERVICE SIZE (CALCULATED AT 208Y/120VAC, 3PH, 4W)

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S.E.D. CONTROL NUMBER:

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66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
ADDITIONS AND RELATED WORK
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
ELECTRICAL ONE LINE DIAGRAM & LOAD SUMMARY

1-06-2023	BID
DATE	ISSUED TO

SHEET SIZE: 30"x42"	DRAWING NO: SPES E200
SCALE: AS NOTED	
DRAWN BY: LFG	FILE NO.: 21434.01

PLOT DATE: December 21, 2022 – 4:15pm

FILE: N:\Edgemont School District\Seely Place Elementary Phase I\ACAD\Electrical\SPES_One Line Diagram.dwg

DEMO WORK — (E) PANEL SCHEDULE "MDB"

PANEL "MDB" | BUS 800 AMP MAIN LUGS ONLY | VOLTAGE 208Y/120V, 3PH, 4 WIRE
LOAD – | POLES 42
MOUNTING SURFACE | SPEC – | AIC SYMM ?

DESCRIPTION	WIRE	GRD.	COND.	TRIP	CKT.	VA A PHASE	VA B PHASE	VA C PHASE	CKT.	TRIP	COND.	GRD.	WIRE	DESCRIPTION
SPARE				20A	1	– –			2	20A				SPARE
SPARE				20A	3		– –		4	20A				SPARE
SPARE				20A	5			– –	6	20A				SPARE
SPARE				20A	7	– –			8	20A				SPARE
SPARE				20A	9		– –		10	20A				SPARE
SPARE				20A	11			– –	12	20A				SPARE
SPARE				20A	13	– –			14	20A				SPARE
SPARE				20A	15		– –		16	20A				SPARE
SPARE				20A	17			– –	18	20A				SPARE
SPARE				100A	19	– –			20	20A				SPARE
					21		– –		22	20A				SPARE
					23			– –	24	20A				SPARE
SPARE				20A	25	– –			26	80A				SPARE
SPARE				20A	27		– –		28					
SPARE				20A	29			– –	30					
PPB PUMP				80A	31	– –			32	20A				SPARE
					33		– –		34	20A				SPARE
					35			– –	36	20A				SPARE
SPARE				60A	37	– –			38	70A				LPG
					39		– –		40					
					41			– –	42					
LP UV 1A/2A				125A DIST. #1		– –	– –		DIST. #2	125A	3"	4	4/0	HVAC-1
								– –						
PPC 1/2				225A DIST. #3		– –	– –		DIST. #4	125A				LP UV
								– –						
SUBTOTAL						–	–	–						
TOTAL CONNECTED LOAD						– va		– amps						
TOTAL DESIGN LOAD						– va		– amps						

(XXX KVA / 208V * √3) = AMPERES

(RL) LP UV FEEDER WITH (N) CIRCUIT BREAKER

NEW WORK — (E) PANEL SCHEDULE "MDB"

PANEL "MDB" | BUS 800 AMP MAIN LUGS ONLY | VOLTAGE 208Y/120V, 3PH, 4 WIRE
LOAD – | POLES 42
MOUNTING SURFACE | SPEC – | AIC SYMM ?

DESCRIPTION	WIRE	GRD.	COND.	TRIP	CKT.	VA A PHASE	VA B PHASE	VA C PHASE	CKT.	TRIP	COND.	GRD.	WIRE	DESCRIPTION
CWP-1A	6	10	1"	60A	1	3864 –			2	20A				SPARE
					3		3864 –		4	20A				SPARE
					5			3864 –	6	20A				SPARE
CWP-1B	6	10	1"	60A	7	3864 –			8	20A				SPARE
					9		3864 –		10	20A				SPARE
					11			3864 –	12	20A				SPARE
SPARE				20A	13	– –			14	20A				SPARE
SPARE				20A	15		– –		16	20A				SPARE
SPARE				20A	17			– –	18	20A				SPARE
PANEL "KP"	2	6	1-1/4"	100A	19	8281 –			20	20A				SPARE
					21		6461 –		22	20A				SPARE
					23			5493 –	24	20A				SPARE
SPARE				20A	25	– –			26	80A				SPARE
SPARE				20A	27		– –		28					
SPARE				20A	29			– –	30					
PPB PUMP				80A	31	– –			32	125A				**LP UV**
					33		– –		34					
					35			– –	36					
COOLING TOWER (CT-1)	2/0	4	2"	100A	37	10884 –			38	70A				LPG
					39		10884 –		40					
					41			10884 –	42					
LP UV 1A/2A				125A DIST. #1		– 26778	– 27956		DIST. #2	200A	3"	1	4/0	**PANEL HVAC-1 (2ND FLOOR)**
								– 27043						
PPC 1/2				225A DIST. #3		– 16644	– 16644		DIST. #4	200A	3"	1	4/0	**PANEL HVAC-2 (ATTIC)**
								– 16644						
SUBTOTAL						–	–	–						
TOTAL CONNECTED LOAD						– va		– amps						
TOTAL DESIGN LOAD						– va		– amps						

(XXX KVA / 208V * √3) = AMPERES

(E) DISTRIBUTION PANEL 'MDA' SCHEDULE

SERVICE: 208/120V, 3PH, 4W — MAINS: 600A M.L.O.

CKT. NO.	NAMEPLATE INFORMATION	FUSED SWITCH FRAME	FUSE	POLES	REMARKS
1	PANEL 1B, JANITOR'S CLOSET 1ST FLOOR NORTH	100	100	3	
2	PANEL DB, JAN. CLOSET GROUND FLOOR NORTH	100	70	3	
3	PANEL 1A, 1ST FLOOR MAIN LOBBY	100	100	3	
4	PANEL 2A, 2ND FLOOR CLOSET SOUTH	100	100	3	
5	PANEL DC, KITCHEN	100	60	3	
6	PANEL DE, ARTS & CRAFTS ROOM	100	100	3	
7	PANEL 2B, JAN. CLOSET 2ND FLOOR NORTH	100	50	3	
8	PANEL DA, BOILER ROOM	400	?	3	

DEMO WORK — (E) PANEL SCHEDULE "O-C"

PANEL "O-C" | BUS 250 AMP MAIN LUGS ONLY | VOLTAGE 120/208V, 3PH, 4 WIRE
LOAD – | POLES 42
MOUNTING SURFACE | SPEC – | AIC SYMM 10,000

DESCRIPTION	WIRE	GRD.	COND.	TRIP	CKT.	VA A PHASE	VA B PHASE	VA C PHASE	CKT.	TRIP	COND.	GRD.	WIRE	DESCRIPTION
ELECTRIC RANGE				30A	1	– –			2	40A				ELEC HEATER NEW STAIRWELL
					3		– –		4					
SPARE				60A	5			– –	6					
					7	– –			8	15A				CARBON MONOXIDE
					9		– –		10	20A				SPARE
SCIENCE + BAND RM PROJECTOR				20A	11			– –	12	20A				RCPT-CORRIDOR
SPARE				20A	13	– –			14	20A				HOOD EXHAUST-KITCHEN
SPARE				20A	15		– –		16	20A				PIT PUMP
SPARE				20A	17			– –	18	20A				ELEVATOR GFI (IN PIT)
SPARE				20A	19	– –			20	20A				RCPT-BAND RM
MICROWAVE				20A	21		– –		22	20A				SPARE
SPARE				20A	23			– –	24	20A				RCPT-AIDES RM
SPARE				20A	25	– –			26	20A				RCPT-AIDES RM
DISHWASHER				20A	27		– –		28	20A				ELEVATOR RM RCPT
RCPT-REFRIGERATOR				20A	29			– –	30	20A				ELEVATOR LGTS 30A DISCONNECT
RCPT-REFRIGERATOR				20A	31	– –			32	20A				SPARE
GENERAL RCPT-CAFETERIA				20A	33		– –		34	20A				SPARE
RCPT-SCIENCE RM				20A	35			– –	36	20A				SPARE
RCPT-SCIENCE RM				20A	37	– –			38	20A				SPARE
GFI RCPT-SCIENCE RM				20A	39		– –		40	20A				FIRE/SMOKE DAMPER
GFI/GENERAL RCPT-SCIENCE RM				20A	41			– –	42	20A				DOOR HOLDER
SUBTOTAL						–	–	–						
TOTAL CONNECTED LOAD						– va		– amps						
TOTAL DESIGN LOAD						– va		– amps						

(XXX KVA / 208V * √3) = AMPERES

NEW WORK — (E) PANEL SCHEDULE "O-C"

PANEL "O-C" | BUS 250 AMP MAIN LUGS ONLY | VOLTAGE 120/208V, 3PH, 4 WIRE
LOAD – | POLES 42
MOUNTING SURFACE | SPEC – | AIC SYMM 10,000

DESCRIPTION	WIRE	GRD.	COND.	TRIP	CKT.	VA A PHASE	VA B PHASE	VA C PHASE	CKT.	TRIP	COND.	GRD.	WIRE	DESCRIPTION
BASEMENT VRV CASSETTE 1	12	12	1/2"	15A	1	603 –			2	40A				ELEC HEATER NEW STAIRWELL
& BRANCH SELECTORS					3		603 –		4					
SPARE				60A	5			– –	6					
					7	– –			8	15A				CARBON MONOXIDE
					9		– –		10	20A				SPARE
SCIENCE + BAND RM PROJECTOR				20A	11			– –	12	20A				RCPT-CORRIDOR
SPARE				20A	13	– –			14	20A				**SPARE**
SPARE				20A	15		– –		16	20A				PIT PUMP
SPARE				20A	17			– –	18	20A				ELEVATOR GFI (IN PIT)
SPARE				20A	19	– –			20	20A				RCPT-BAND RM
SPARE				20A	21		– –		22	20A				SPARE
SPARE				20A	23			– –	24	20A				RCPT-AIDES RM
SPARE				20A	25	– –			26	20A				RCPT-AIDES RM
SPARE				20A	27		– –		28	20A				ELEVATOR RM RCPT
SPARE				20A	29			– –	30	20A				ELEVATOR LGTS 30A DISCONNECT
SPARE				20A	31	– –			32	20A				SPARE
GENERAL RCPT-CAFETERIA				20A	33		– –		34	20A				SPARE
RCPT-SCIENCE RM				20A	35			– –	36	20A				SPARE
RCPT-SCIENCE RM				20A	37	– –			38	20A				SPARE
GFI RCPT-SCIENCE RM				20A	39		– –		40	20A				FIRE/SMOKE DAMPER
GFI/GENERAL RCPT-SCIENCE RM				20A	41			– –	42	20A				DOOR HOLDER
SUBTOTAL						–	–	–						
TOTAL CONNECTED LOAD						– va		– amps						
TOTAL DESIGN LOAD						– va		– amps						

(XXX KVA / 208V * √3) = AMPERES

DEMO WORK — (R) PANEL SCHEDULE "HVAC-1"

PANEL "HVAC-1" | BUS 250 AMP MAIN LUGS ONLY | VOLTAGE 208Y/120V, 3PH, 4 WIRE
LOAD – | POLES 18
MOUNTING SURFACE | SPEC – | AIC SYMM 22,000

DESCRIPTION	WIRE	GRD.	COND.	TRIP	CKT.	VA A PHASE	VA B PHASE	VA C PHASE	CKT.	TRIP	COND.	GRD.	WIRE	DESCRIPTION
ROOF UNIT HV-2				30A	1	3600 7200			2	60A				HV-1 (EST.)
					3		3600 7200		4					
					5			3600 7200	6					
AC-1 ELEVATOR ROOM (EST.)				20A	7	1500 1800			8	15A				HV-3
					9		1500 1800		10					
ACC-1 ROOF				20A	11			1300 1800	12					
					13	1300 1500			14	20A				DUCT HEATER (EST.)
TE-1 (ROOF) EXHAUST FAN				15A	15		863 1500		16	20A				DUCT HEATER (EST.)
SPACE					17			– 1440	18	15A				ROOF GFCI (EST.)
SUBTOTAL						16900	16463	15340						
TOTAL CONNECTED LOAD						48703 va		135 amps						
TOTAL DESIGN LOAD						48703 va		135 amps						

(XXX KVA / 208V * √3) = AMPERES

REPLACE PANEL "HVAC-1" IN LOCATION. RECIRCUIT NON-DEMOLISHED BRANCH CIRCUITS TO NEW PANEL.

NEW — (N) PANEL SCHEDULE "HVAC-1"

PANEL "HVAC-1" | BUS 250 AMP MAIN LUGS ONLY | VOLTAGE 208Y/120V, 3PH, 4 WIRE
FEED BOTTOM | POLES 30 | DIMENSIONS 20"W x 5.75"D
MOUNTING/TRIM SURFACE (DOOR-IN-DOOR) | SPEC SIEMENS P1C30ML250CBST | AIC SYMM 22,000

DESCRIPTION	WIRE	GRD.	COND.	TRIP	CKT.	VA A PHASE	VA B PHASE	VA C PHASE	CKT.	TRIP	COND.	GRD.	WIRE	DESCRIPTION
					1	– 5520			2	60A	3/4"	10	6	**RTU-3** 1
					3		– 5520		4					
					5			– 5520	6					
RTU-2	1 6	10	3/4"	60A	7	5520 3280			8	35A	3/4"	10	10	**ERV-1** 1
					9		5520 3280		10					
					11			5520 3280	12					
2ND FLOOR VRV CASSETTE 1	12	12	1/2"	15A	13	738 –			14	20A				**SPARE**
& BRANCH SELECTORS					15		738 –		16	20A				**SPARE**
1ST FLOOR VRV CASSETTE 1	12	12	1/2"	15A	17			322 –	18	20A				**SPARE**
& BRANCH SELECTORS					19	322 –			20	20A				**SPARE**
(E)AC-1 ELEVATOR ROOM (EST.)				20A	21		1500 –		22	20A				**SPARE**
					23			1500 –	24	20A				**SPARE**
(E)ACC-1 ROOF				20A	25	1300 1500			26	20A				(E)DUCT HEATER (EST.)
					27		1300 1500		28	20A				(E)DUCT HEATER (EST.)
(E)TE-1 (ROOF) EXHAUST FAN				15A	29			863 1440	30	15A				(E)ROOF GFCI (EST.)
SUBTOTAL						18180	19358	18445						
TOTAL CONNECTED LOAD						55983 va		156 amps						
TOTAL DESIGN LOAD						55983 va		156 amps						

(XXX KVA / 208V * √3) = AMPERES

NEW — (N) ATTIC PANEL SCHEDULE "HVAC-2"

PANEL "ATTIC" | BUS 250 AMP MAIN LUGS ONLY | VOLTAGE 208Y/120V, 3PH, 4 WIRE
FEED BOTTOM | POLES 30 | DIMENSIONS 20"W x 5.75"D
MOUNTING/TRIM SURFACE (DOOR-IN-DOOR) | SPEC SIEMENS P1C30ML250CTST | AIC SYMM 22,000

DESCRIPTION	WIRE	GRD.	COND.	TRIP	CKT.	VA A PHASE	VA B PHASE	VA C PHASE	CKT.	TRIP	COND.	GRD.	WIRE	DESCRIPTION
HHX-G	1 8	10	3/4"	45A	1	4380 3456			2	35A	3/4"	10	8	HHX-1 1
					3		4380 3456		4					
					5			4380 3456	6					
HHX-2	1 8	10	3/4"	35A	7	3456 5352			8	50A	3/4"	10	8	HHX-DOAS 1
					9		3456 5352		10					
					11			3456 5352	12					
SPARE				20A	13	– –			14	20A				SPARE
SPARE				20A	15		– –		16	20A				SPARE
SPARE				20A	17			– –	18	20A				SPARE
SPACE					19	– –			20					SPACE
SPACE					21		– –		22					SPACE
SPACE					23			– –	24					SPACE
SPACE					25	– –			26					SPACE
SPACE					27		– –		28					SPACE
SPACE					29			– –	30					SPACE
SUBTOTAL						16644	16644	16644						
TOTAL CONNECTED LOAD						49932 va		139 amps						
TOTAL DESIGN LOAD						49932 va		139 amps						

(XXX KVA / 208V * √3) = AMPERES

NEW — (N) PANTRY PANEL SCHEDULE "KP"

PANEL "KP" | BUS 125 AMP MAIN LUGS ONLY | VOLTAGE 208Y/120V, 3PH, 4 WIRE
FEED TOP | POLES 30 | DIMENSIONS 20"W x 5.75"D
MOUNTING/TRIM SURFACE (DOOR-IN-DOOR) | SPEC SIEMENS P1C30ML125ATSN | AIC SYMM 22,000

DESCRIPTION	WIRE	GRD.	COND.	TRIP	CKT.	VA A PHASE	VA B PHASE	VA C PHASE	CKT.	TRIP	COND.	GRD.	WIRE	DESCRIPTION
FLRBOX-HOT FOOD COUNTER 4	10	10	1/2"	25A	1	1997 264			2	20A	1/2"	12	12	FLRBOX-MILK COOLER 4
					3		1997 756		4	20A	1/2"	12	12	FLRBOX-COLD FOOD COUNTER 4
RCPT-WARM HOLDING CABINET 4	12	12	1/2"	20A	5			1500 1500	6	20A	1/2"	12	12	FLRBOX-FLAT TOP COUNTER 4
RCPT-WARM HOLDING CABINET 4	12	12	1/2"	20A	7	1500 1500			8	20A	1/2"	12	12	FLRBOX-CASHIER COUNTER 4
RCPT-WARM HOLDING CABINET 4	12	12	1/2"	20A	9		1500 180		10	20A	1/2"	12	12	FLRBOX-SPARE 4
RCPT-REFRIGERATED CABINET 4	12	12	1/2"	20A	11			1500 180	12	20A	1/2"	12	12	FLRBOX-SPARE 4
RCPT-REFRIGERATED CABINET 4	12	12	1/2"	20A	13	1500 1500			14	20A	1/2"	12	12	RCPT-COUNTER 4
RCPT-REFRIGERATED CABINET 4	12	12	1/2"	20A	15		1500 528		16	15A	1/2"	12	12	KITCHEN EXHAUST FAN
RCPT-CONV. 4	12	12	1/2"	20A	17			720 93	18	20A	1/2"	12	12	LIGHTING
ELEC. DOOR HARDWARE	12	12	1/2"	20A	19	20 –			20	20A				SPARE
SPARE				20A	21		– –		22	20A				SPARE
SPARE				20A	23			– –	24	20A				SPARE
SPACE					25	– –			26					SPACE
SPACE					27		– –		28					SPACE
SPACE					29			– –	30					SPACE
SUBTOTAL						8281	6461	5493						
TOTAL CONNECTED LOAD						20235 va		56 amps						
TOTAL DESIGN LOAD						20235 va		56 amps						

(XXX KVA / 208V * √3) = AMPERES

KEYED NOTES:
1. PROVIDE HACR TYPE CIRCUIT BREAKERS
2. PROVIDE LOCKING CLIPS.
3. VERIFY POWER REQUIREMENTS FOR ACTUAL EQUIPMENT BEFORE INSTALLATION.
4. PROVIDE GFI CIRCUIT BREAKER.
5. CIRCUIT CONTROLLED VIA TIMECLOCK

PANEL LEGEND:

DEMOLISH

EXISTING (LIGHT LINE)

NEW WORK (BOLD LINE)

LIGHTING FIXTURE SCHEDULE

TAG	DESCRIPTION	MANUFACTURER AND CATALOG NUMBER	WATTAGE OR LAMPS	QUANTITY*	REMARKS
A1	SURFACE MOUNT 2' LED STRIP SEALED GASKETED ENCLOSURE WITH IMPACT RESISTANT DIFFUSER 0-10V DIMMING	WILLIAMS 96 96-2-L29/840-HAIFR-DRV-UNV	25W LED 4000K	1	
A2	SURFACE MOUNT 4' LED STRIP SEALED GASKETED ENCLOSURE WITH IMPACT RESISTANT DIFFUSER 0-10V DIMMING	WILLIAMS 96 96-4-L62/840-HAIFR--DRV-UNV	48W LED 4000K	1	
B-EM	24" EXTERIOR EGRESS LED WITH INTEGRAL PHOTOCELL 0-10V DIMMING	LUMINAIRE LED AEL AEL-24-MIN1-20W-40K-120-DP-SVH-EMB310-PC	20W LED 4000K	1	WIRE EMERGENCY BATTERY AHEAD OF LOCAL SWITCHING
EXIT	EXIT SIGN WITH WHICH FACE AND GREEN LETTERS WITH SELF DIAGNOSTICS	LITHONIA LIGHTING LQM S W 3 G MVOLT EL N SD	5W LED MAX GREEN	2	

NOTE: * – FINAL QUANTITIES PER PLANS

FLOORBOX SCHEDULE

TAG	DESCRIPTION	MANUFACTURER AND CATALOG NUMBER AND REQUIRED DEVICES	REMARKS
F2	2 GANG FLOOR BOX, RECTANGULAR BRUSHED ALUMINUM COVER, WITH TWO TAMPER RESISTANT SIMPLEX RECEPTACLES.	HUBBELL WIRING DEVICE-KELLEMS SYSTEMONE BOX: CFB2G30 COVER: 24GTCVRALU DEVICE PLATES: (2) FBMP139 DEVICES: (2) HBL5361BK	CONTRACTOR SHALL LABEL EACH RECEPTACLE. LABEL SHALL CONTAIN PANEL, CIRCUIT NUMBER, AND EQUIPMENT SERVED.
F10	10 GANG FLOOR BOX, RECTANGULAR BRUSHED ALUMINUM COVER, WITH ONE NEMA 6-30R RECEPTACLE, THREE TAMPER RESISTANT SIMPLEX RECEPTACLES, AND ONE GANG FOR DATA.	HUBBELL WIRING DEVICE-KELLEMS SYSTEMONE BOX: CFB2G30 COVER: 24GTCVRALU DEVICE PLATES: (1) FB10MP3GAPP, (1) FB10TLZ, (1) FB10MPKEY, (1) FB10MPBNK DEVICES: (1) HBL9330, (3) HBL5361BK	CONTRACTOR SHALL LABEL EACH RECEPTACLE. LABEL SHALL CONTAIN PANEL, CIRCUIT NUMBER, AND EQUIPMENT SERVED.

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S.E.D. CONTROL NUMBER:
GREENVILLE ELEMENTARY SCHOOL 66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL 66-04-06-03-0-001-019

PROJECT TITLE: EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
INTERIOR RENOVATIONS AND RELATED WORK
SEELY PLACE ELEMENTARY SCHOOL
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE: ELECTRICAL SCHEDULES

DATE	ISSUED TO
1-06-2023	BID

SHEET SIZE: 30"x42" | DRAWING NO: SPES E300
SCALE: AS NOTED
DRAWN BY: LFG | FILE NO: 21434.01

PLOT DATE: December 21, 2022 - 4:16pm

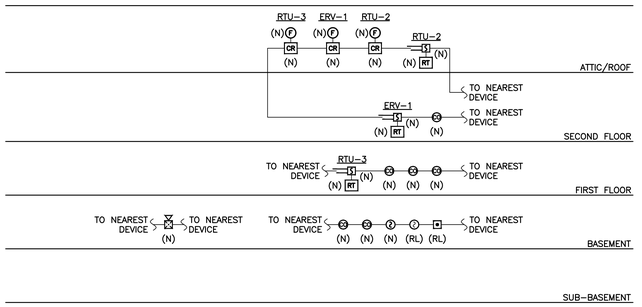
FILE: N:\Edgemont School District\Seely Place Elementary Phase I\ACAD\Electrical\SPES_One Line Diagram.dwg

GENERAL NOTES

1. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND INSTALLING ALL NEW COMPATIBLE AND ADDRESSABLE FIRE ALARM DEVICES AND ASSOCIATED EQUIPMENT, CABLING AND CONDUIT TO EXISTING FIRE ALARM CONTROL PANEL FOR A FULLY COMPLETE AND OPERABLE SYSTEM.
2. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE BUILDING CODE OF NEW YORK STATE, THE ELECTRICAL CODE OF NEW YORK STATE AND REQUIREMENTS SET FORTH BY THE NEW AMERICANS WITH DISABILITIES ACT (A.D.A.).
3. THE PROPRIETARY BASE BUILDING FIRE ALARM VENDOR IS JOHNSON CONTROLS SIMPLEX GRINNELL.
4. COMPLETE INSTALLATION OF THE FIRE ALARM SYSTEM SHALL BE COORDINATED WITH THE BUILDING'S FIRE ALARM SYSTEM VENDOR. EXISTING DEVICES OUTSIDE INDICATED AREA OF WORK TO BE REPLACED OR UPGRADED AS NEEDED TO MEET CODE OR FUNCTIONAL REQUIREMENTS. CONTRACTOR TO VERIFY CAPACITY OF EXISTING FA PANELS AND PROVIDE EXPANSION HARDWARE IF NECESSARY.
5. THE ELECTRICAL CONTRACTOR MUST SUBMIT WIRING DIAGRAMS TO THE ENGINEER FOR ANY MODIFICATIONS TO THE FIRE ALARM SYSTEM.
6. THE ELECTRICAL CONTRACTORS BID SHALL INCLUDE PROGRAMMING AND TESTING BY THE BUILDING FA VENDOR.
7. ANY RELATED CONNECTION CHARGES AND PROGRAMMING CHARGES SHALL BE INCLUDED IN THE ELECTRICAL CONTRACTOR'S BID.
8. ALL 120V REQUIREMENTS FOR ADDITIONAL EQUIPMENT REQUIRED BY THE FA CONTRACTOR SHALL BE INCLUDED IN THE ELECTRICAL CONTRACTOR'S BID.
9. ELECTRICAL CONDUITS SHALL ENTER ONLY AT THE SIDES OR BOTTOM OF THE FIRE ALARM TERMINAL BOXES, CONTROL PANELS ETC, UNLESS DESIGNED AND APPROVED FOR ENTRY ON THE TOP.
10. ALL WIRING TYPES SHALL BE COORDINATED WITH THE BUILDING DEPARTMENT, SHALL BE APPROVED BY THE LOCAL FIRE DEPARTMENT AND ALL AUTHORITIES HAVING JURISDICTION.
11. ALL INTERIOR EXPOSED WIRING SHALL BE IN WIREMOLD IN FINISHED SPACES AND IN EMT IN UNFINISHED SPACES.
12. ALL EXTERIOR WIRING SHALL BE IN RIGID GALVANIZED STEEL CONDUIT. CONTRACTOR SHALL PROVIDE SLEEVE AND SEAL FOR ALL BUILDING PENETRATIONS.
13. PLANS AND RISER DIAGRAM ARE PARTIAL AND DO NOT SHOW ALL EXISTING DEVICES, ONLY MODIFICATIONS OR ADDITIONS TO THE EXISTING SYSTEM ARE SHOWN.
14. DUCT DETECTOR FURNISHED BY ELECTRICAL CONTRACTOR. MECHANICAL CONTRACTOR IS RESPONSIBLE FOR INSTALLING SAMPLING TUBES & HOUSING. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR INSTALLING DETECTOR AND WIRING. CONTROL RELAYS FURNISHED & INSTALLED BY ELECTRICAL CONTRACTOR. COORDINATE WITH MECHANICAL CONTRACTOR.

FIRE ALARM LEGEND

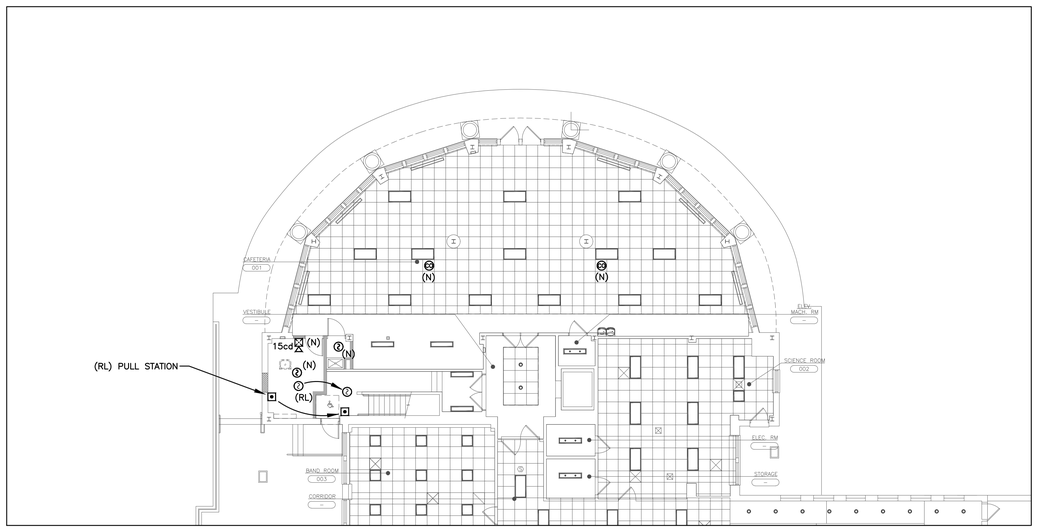
- DUCT SMOKE DETECTOR, WITH WEATHERPROOF ENCLOSURE
- CR — CONTROL RELAY, WITHIN DUCT SMOKE DETECTOR ENCLOSURE
- RT — REMOTE TEST STATION, KEY OPERATED
- FACP — FIRE ALARM CONTROL PANEL
- (F) — FAN SHUTDOWN
- (2) — SMOKE DETECTOR
- (3) — CARBON MONOXIDE DETECTOR, WITH TEMPORAL 4 SOUNDER BASE
- PULL STATION (48" AFF)
- STROBE (80" AFF)
- SPEAKER STROBE (80" AFF)
- (N) NEW
- (E) EXISTING TO REMAIN
- (RL) RELOCATED EXISTING
- (D) DEMOLISH EXISTING



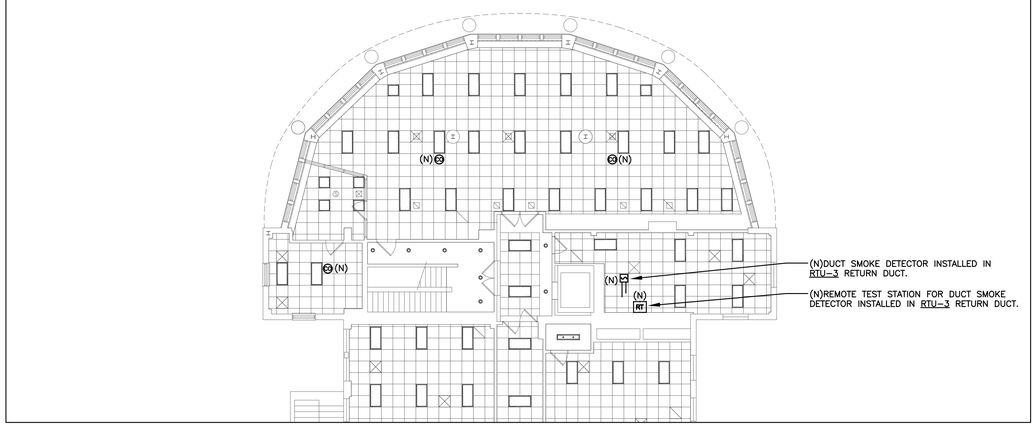
FIRE ALARM PART RISER DIAGRAM

		CONTROL UNIT ANNUNCIATOR						NOTIFICATION		REQUIRED FIRE SAFETY CONTROL			CENTRAL OFFICE NOTIFICATION		
		ACTIVATE COMMON ALARM SIGNAL INDICATOR (LED)	ACTIVATE AUDIBLE ALARM SIGNAL (BUZZER ON FCS)	ACTIVATE COMMON SUPERVISORY SIGNAL INDICATOR (LED)	ACTIVATE COMMON SUPERVISORY SIGNAL (BUZZER ON FCS)	ANNUNCIATE ALARM DEVICE (LCD DISPLAY)	ANNUNCIATE SUPERVISORY DEVICE (LCD DISPLAY)	ACTIVATE ALL FLOOR SPEAKERS	ACTIVATE ALL FLOOR STROBES	SHUT DOWN AC UNIT (OVER 1000 CFM)	ACTIVATE DOOR RELEASE	ACTIVATE LOCAL SOUNDER AT CARBON MONOXIDE DETECTOR	TRANSMIT SMOKE DETECTOR ALARM SIGNAL	TRANSMIT CARBON MONOXIDE DETECTOR SUPERVISORY SIGNAL	
SYSTEM INPUTS		A	B	C	D	E	F	G	H	I	J	K	L	M	N
AREA SMOKE DETECTOR	1	X	X			X		X	X	X	X		X		
DUCT SMOKE DETECTOR	2	X	X			X		X	X	X	X		X		
CARBON MONOXIDE DETECTOR	3			X	X		X					X		X	

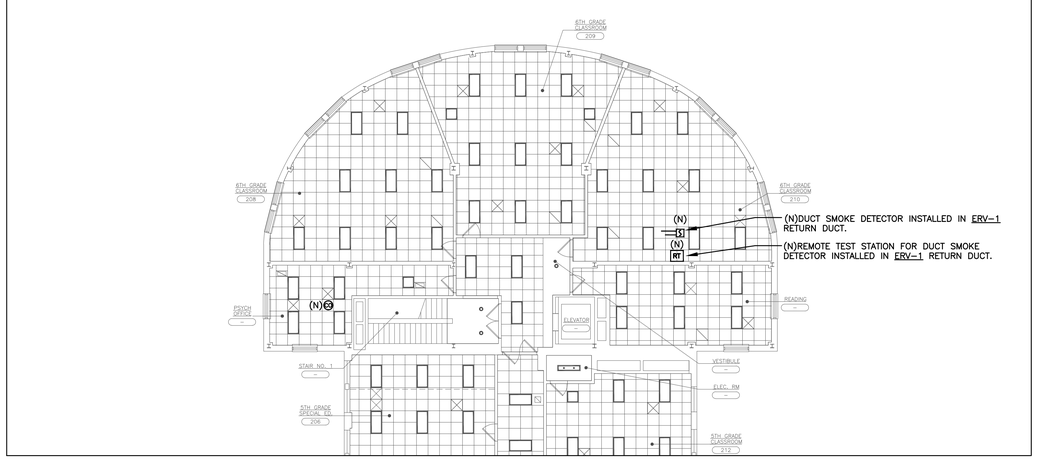
FIRE ALARM SEQUENCE OF OPERATIONS



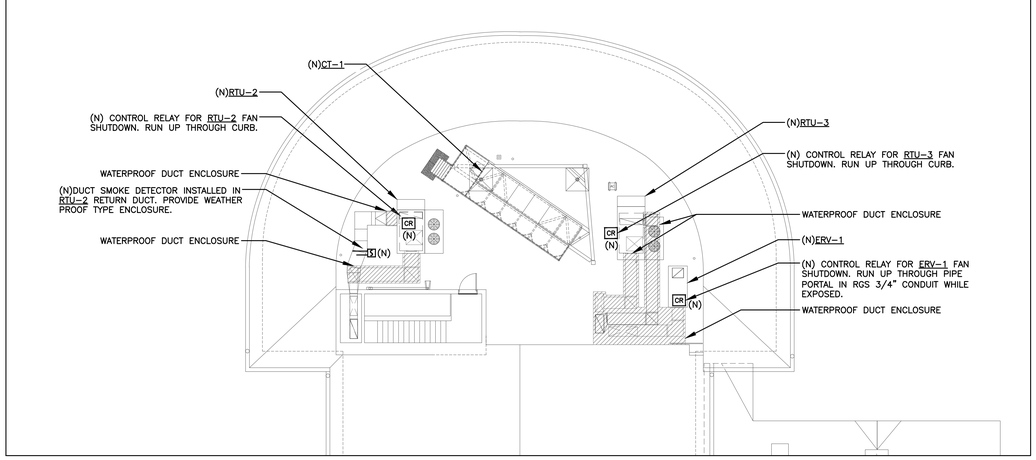
SEELY ELEMENTARY SCHOOL
FIRE ALARM PLAN - LOWER LEVEL
1 SCALE: 3/32" = 1'-0"



SEELY ELEMENTARY SCHOOL
FIRE ALARM PLAN - FIRST FLOOR
2 SCALE: 3/32" = 1'-0"



SEELY ELEMENTARY SCHOOL
FIRE ALARM PLAN - SECOND FLOOR
3 SCALE: 3/32" = 1'-0"



SEELY ELEMENTARY SCHOOL
FIRE ALARM PLAN - ROOF
4 SCALE: 3/32" = 1'-0"

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S.E.D. CONTROL NUMBER:

GREENVILLE ELEMENTARY SCHOOL
66-04-06-03-0-008-021
SEELY PLACE ELEMENTARY SCHOOL
66-04-06-03-0-001-019

PROJECT TITLE
EDGEMONT SCHOOL DISTRICT
GREENVILLE ELEMENTARY SCHOOL
SEELY PLACE ELEMENTARY SCHOOL
ADDITION AND RELATED WORK
PHASE 1 - HVAC & CAFETERIA

DRAWING TITLE
FIRE ALARM LEGEND, NOTES, PART RISER, SEQUENCE OF OPERATIONS, & PLAN

1-06-2023	BID
DATE	ISSUED TO
SHEET SIZE: 30"x42"	DRAWING NO.: SPES FA100
SCALE: AS NOTED	
DRAWN BY: LFG	FILE NO.: 21434.01

PLOT DATE: December 21, 2022 - 4:16pm

FILE: N:\Edgemont School District\Seely Place Elementary Phase I\ACAD\Electrical\SPES_Fire Alarm.dwg